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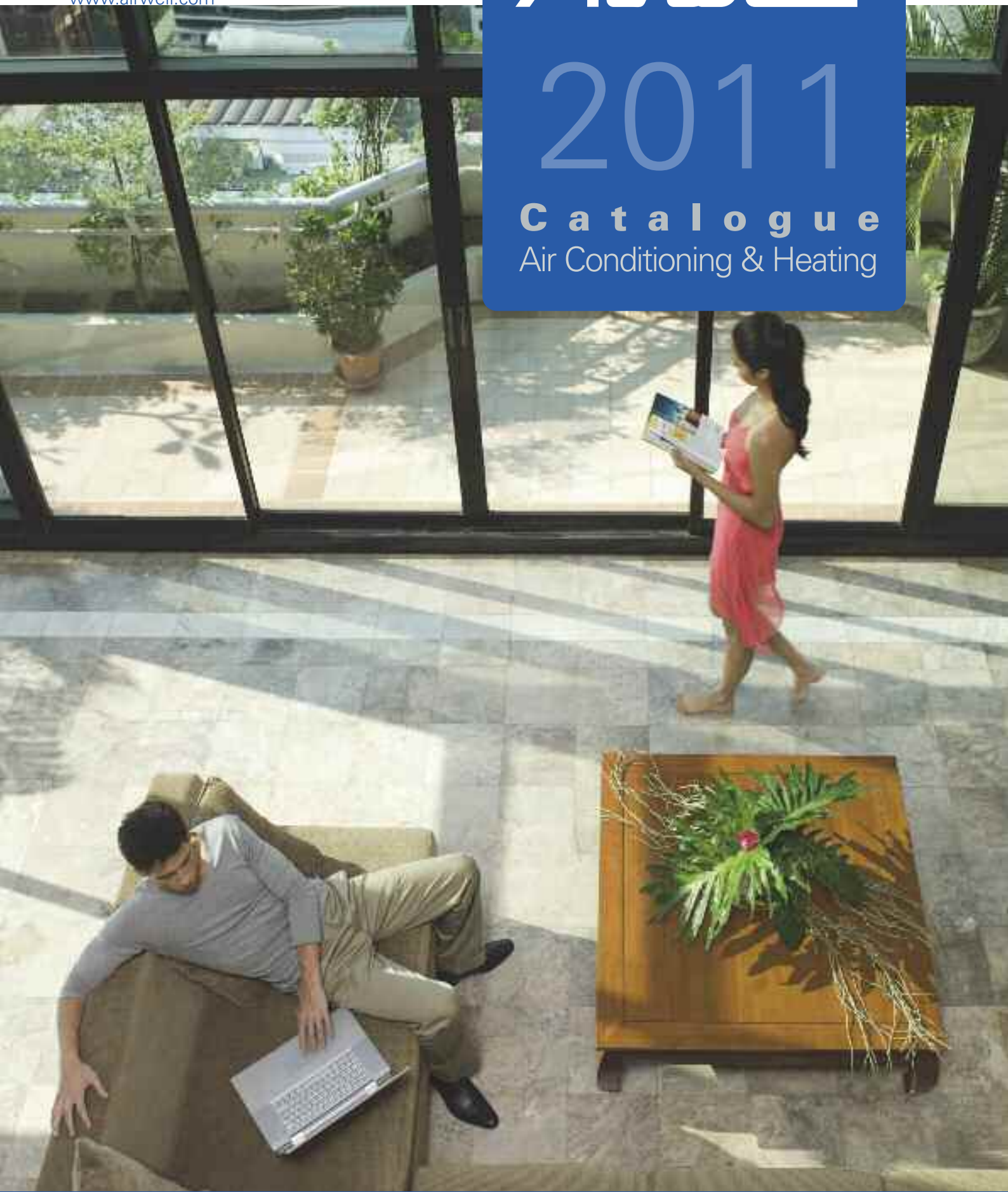
Airwell

2011

Catalogue

Air Conditioning & Heating



AN AIRWELL GROUP COMPANY

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Welcome

Founded in 1947, Airwell Group is today one of the global leaders for the manufacture and distribution of high class, environmentally-balanced and reliable air conditioning systems. Striving for long-term customer relationships, Airwell Group provides individual consultancy and professional servicing. Airwell Group is the ideal partner for perfect climate solutions in residential, light commercial, commercial and industrial applications. Airwell Group's products provide comfort, wellbeing and quality of life, helping to increase business productivity. Airwell Group today has one of the widest product ranges and distribution networks on the market.

THE IDEAL PROFESSIONAL **PARTNER** FOR PERFECT CLIMATE SOLUTIONS.

Air conditioning and air treatment systems for every application.

Residential Applications

Light Commercial Applications

Commercial Applications

Industrial Applications

Philosophy

As an integrated global organisation, we provide sustained value to our local customers and deliver consistent profitability as well as solid cash flow to our shareholders.
We are environmentally-balanced and committed to continuous performance improvement through innovation, quality, organisational efficiency and employee development.

ORGANIZATION, **INNOVATION**, QUALITY, EFFICIENCY AND DEVELOPMENT

Performing Excellence Airwell Group is an integrated global organisation. As an international team, we work on the common objective to continuously exceed our performance, and thereby sustain competitiveness through consistent profitability and growth.

Leadership & Team Spirit We value the diversity of our organisation, always treating each other and our business partners with integrity and respect. The fundamental principles of our leadership are listening, communication, and people development.

Innovation & Quality We are committed to continuously exceeding our product range and services, product quality and reliability, as well as our internal processes, while remaining flexible to quickly respond to changing customer requirements.

History

SINCE ITS FOUNDATION IN 1947

The Airwell Group has been known for its high reliability in the air conditioning industry.

In 1947 Paul Wallet founded the company L'Air Conditionné Entreprise (ACE) near Paris and, with the brand Airwell, laid the first foundation for what was to become the Airwell Group. ACE was the first European manufacturer of air conditioners with direct evaporation, and by the 1950s it was producing air conditioning systems for both commercial and private use. The company grew rapidly and a large expansion took place in the 1990s. Today the Airwell Group is one of the leading global suppliers of air conditioning systems with a presence in over 80 countries worldwide.

1947	1950	1970	1975	1979
Paul Wallet founded "L'Air Conditionné Entreprise" which later became the core of Airwell Group.	The Company developed and began the mass production of the first window unit, to offer exceptional climate conditions, mainly dedicated to European and African markets.	AIRWELL developed a split system unit by splitting its core window unit in two parts, and was the first to produce wall split systems in Europe.	AIRWELL entered the commercial and industrial markets with large cooling capacity for packaged air and water-cooled systems.	After the two oil crises in the 70s AIRWELL developed the firsthigh-efficiency air to water heatpump to be connected to existing oil boilers in residential housing for oil energy saving.
1982	**1993-1996**	**1998-2001**	**2004-2006**	**2008**
AIRWELL designed and produced the first European wall split system range including electronic remote control, a high technology cross-flow fan for low noise levels, and rotary compressors.	The Group grew with the acquisition of Spanish, Italian, German and French distribution companies, as well as the factory in Tillieres.	The Group strengthened its position by acquiring production facilities in China, France (Wesper) and Italy, and extended its distribution network in Argentina and Turkey.	In order to accentuate its position in the market, the Group opened an office in Russia and acquired Polenz Klimatechnik in Germany	The Group reinforced its position in the American continent by acquiring the Fedders Residential Business (USA) and opening a new assembly line in Tierra del Fuego (Argentina).

Environment

Energy The Airwell Group constantly strives to reduce power consumption not only within its production facilities and offices, but also for customers buying our products. Each new product development aims at increasing energy efficiency for the benefit of the environment and for the reduction of energy cost.

Water Because water is becoming scarce, Airwell Group departments review their water consumption for production and sanitary installations every year to identify further potential for reducing water waste. Over recent years the Group has drastically reduced its water consumption.

TECHNOLOGY IN **HARMONY** WITH ENVIRONMENT

Environmental awareness is increasing throughout the world from over the years. For the Airwell Group, acting in an environmentally conscious manner is a cornerstone of our company policy.

This not only means using natural resources responsibly and developing energy-saving systems, but also reducing the quantity of waste material by exercising a sense of responsibility in the development and manufacture of our products. To this end, recyclable materials are used and raw material and energy inputs are kept to a minimum. The Airwell Group's corporate management assesses its compliance with these requirements in annual reviews and defines new goals in order to meet tomorrow's environmental requirements today.

Emission The Airwell Group always uses green refrigerants with less impact on the environment and is searching for alternative refrigerants like CO2. An increased amount of training hours are offered every year to internal and external service people to further increase safe handling of refrigerants with a focus on leak detection, filling and recapturing.

Noise Our overall level of industrialisation implicates an increased level of noise. Airwell Group R&D centres give special attention to minimising the noise levels for every newly developed product to increase our customers comfort level. The increased use of new technologies in applications like the inverter driven motors support our objective

Waste Airwell Group concentrates its efforts to reduce the amount of waste by increasing the use of recyclable material in produced units, and to actively involve its suppliers in this process. This effort implies all product processes including development, production, logistics, installation and maintenance until the end of the product life.

Airwell

Quality & Safety

QUALITY, SAFETY AND CARE ABOUT THE ENVIRONMENT

The Airwell Group's products are known for their reliability and long life. The excellent quality and an especially wide product range offer a clear advantage to our customers. As a company that is active worldwide, the Airwell Group strives to maintain these high quality standards at the various production locations and to further improve them where possible.

Eurovent Airwell actively participates in the Eurovent Certification program for air conditioning ranges (up to 12 kW), Liquid Chillers, Fan Coils and Air Handling Units. Eurovent is an international organisation that approves product performance and noise-levels which are published on the Eurovent web directory.

OHSAS 18001 The Airwell Group's human capital – its people – is fundamental to its sustainable success. OHSAS 18001 (Occupation Health and Safety Assessment Series) assists us in our ambition to achieve zero accidents and work-related injuries and illness, through effective health and safety management systems.

ISO 9000 The Airwell Group's quality management systems conform to the requirements of ISO 9000-2000, which address all aspects of the business process from design to procurement, products, installation and servicing.

ISO 9001 As quality is one of the key factors in ensuring customer satisfaction, Airwell Group sites are approved by AFAQ regarding its Quality Management System ISO 9001. This internationally recognised certificate assures quality standards for manufacturers.

ISO 14001 ISO 14001 provides assurance that the Airwell Group has an effective environmental management system in place to control all of its activities, products and services that have an impact on the environment.

NF Heat Pump Certification In 2008, Airwell Industrie France received a NF (French Standard) certificate for Heat Pumps. The NF guarantees the quality and safety of the heat pumps' thus conforming with French, European and international standards on efficiency rate, thermal capacity and acoustic level.

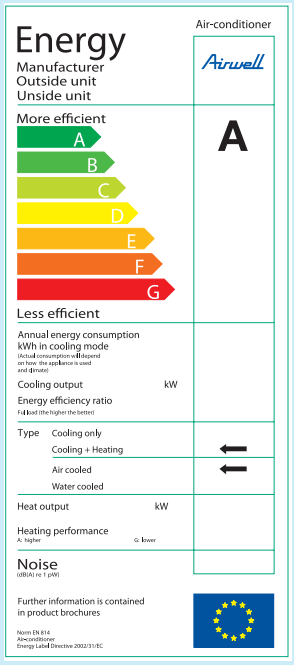
Underwriters Laboratories The Airwell Group's products distributed in the USA are approved by The Underwriters Laboratories (UL) certificate which evaluates products, components, materials and systems for compliance with specific requirements.

CSA International In the USA, Airwell Group is accredited by CSA International which certifies products following standardized test protocols in laboratories across the U.S. Just as importantly, CSA marks are accepted by major retailers, manufacturers, distributors, specifiers and regula-tors throughout the U.S. and in export markets around the world.

As a responsible company we know that the success of our products is only made possible by the commitment of our employees – they are our greatest asset. For this reason, the Airwell Group makes every endeavour to guarantee the safety of its employees and to safeguard their health. Equally important to us is the protection of the environment and the conservation of natural resources. This is why all of our production processes are subject to strict quality management procedures that meet international standards and which are regularly inspected and certified. Furthermore, Airwell Group possesses a range of national certifications in various countries and not only meets requirements with respect to plant safety, employee safety and environmental protection but often significantly exceeds them.

ENERGY AND EFFICIENCY

Indication of annual energy consumption based on a standard model, this annual consumption is calculated by multiplying the total capacity by an average running time of 500 hours per annum in Cooling mode and under full load..



Cooling Capacity The refrigerating capacity is defined as the cooling capacity in kW of an appliance, running in Cooling mode under full load.

EER or Energy Efficiency Ratio This is the ratio between the refrigerating capacity and the amount of electricity consumed to attain it. In other words, the higher the EER, the better the energy efficiency.

Energy Efficiency Categories* in Cooling Mode

A		EER	>	3.2
B	3.2	> EER	>	3.0
C	3.0	> EER	>	2.8
D	2.8	> EER	>	2.6
E	2.6	> EER	>	2.4
F	2.4	> EER	>	2.2
G	2.2	> EER		

* Only for splits and multisplits.

Heating Capacity Heating capacity is defined as the Heating capacity in kW of an appliance running in Heating mode and under full load.

Cop or Coefficient of Performance This is the ratio between the Heating capacity and the quantity of electricity consumed to attain it. In other words, the higher the COP, the better the energy efficiency.

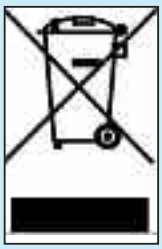
Energy Efficiency Categories* in Heating Mode

A		COP	>	3.6
B	3.6	> COP	>	3.4
C	3.4	> COP	>	3.2
D	3.2	> COP	>	2.8
E	2.8	> COP	>	2.6
F	2.6	> COP	>	2.4
G	2.4	> COP		

* Only for splits and multisplits.

ENERGY APPLIANCES IN 7 CATEGORIES

Energy label is mostly known for household appliances. It was initiated by the EU to classify these appliances in 7 categories (from A to G) in relation to there energy consumption. Those appliances with the best energy efficiency are awarded an A label, those with the lowest energy efficiency a G label. This label also includes a certain number of details (Brand, Model, Cooling and Heating capacity, Noise level) and allows the user to compare the efficiency of different products

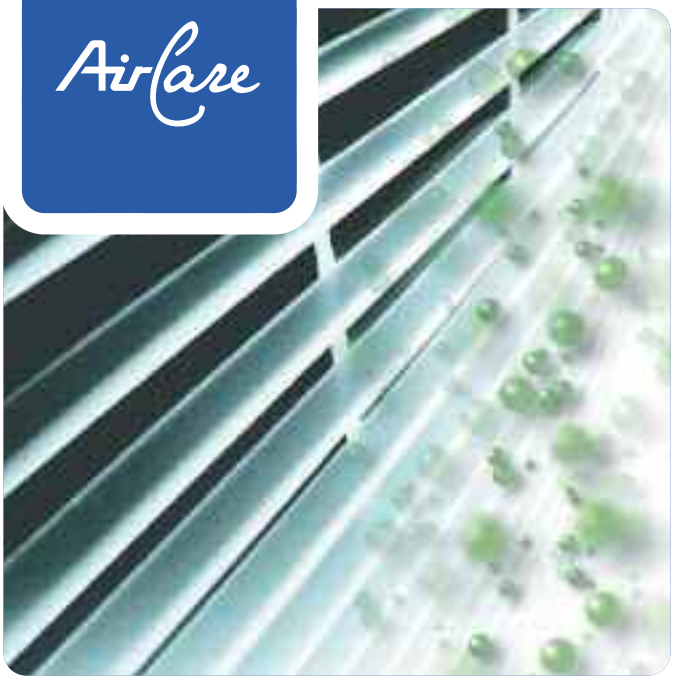


WEEE (WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT)

A new European Directive on Waste Electrical and Electronic Equipment (WEEE) came into force. The Directive's aim is to regulate the disposal of electronic waste by separating its treatment from that of household waste. Selective collection systems are being put in place to recover all WEEE with the view to recycling. This Directive requires air conditioning appliance manufacturers and distributors to:

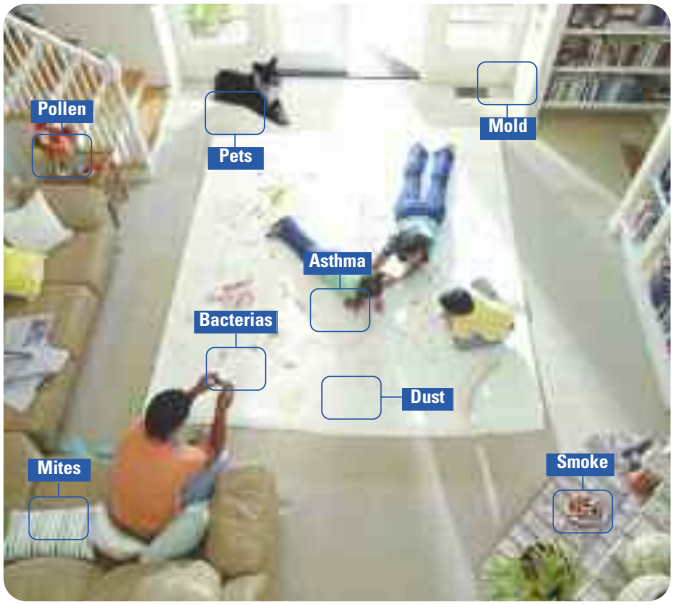
- Mark certain models marketed.
- Meet financial obligations associated with end-of-life appliance recycling.

As users of our products, and on those products covered by the Directive, you will observe a pictogram (see illustration below) on the Maker's plate representing a "crossed-out refuse bin". This pictogram is intended to inform the user that the appliance in question must be disposed of separately from household waste. As part of its sustainable development policy, along with the entire profession, Airwell is committed to adapt this new European initiative. Our environment is precious, let's preserve it.

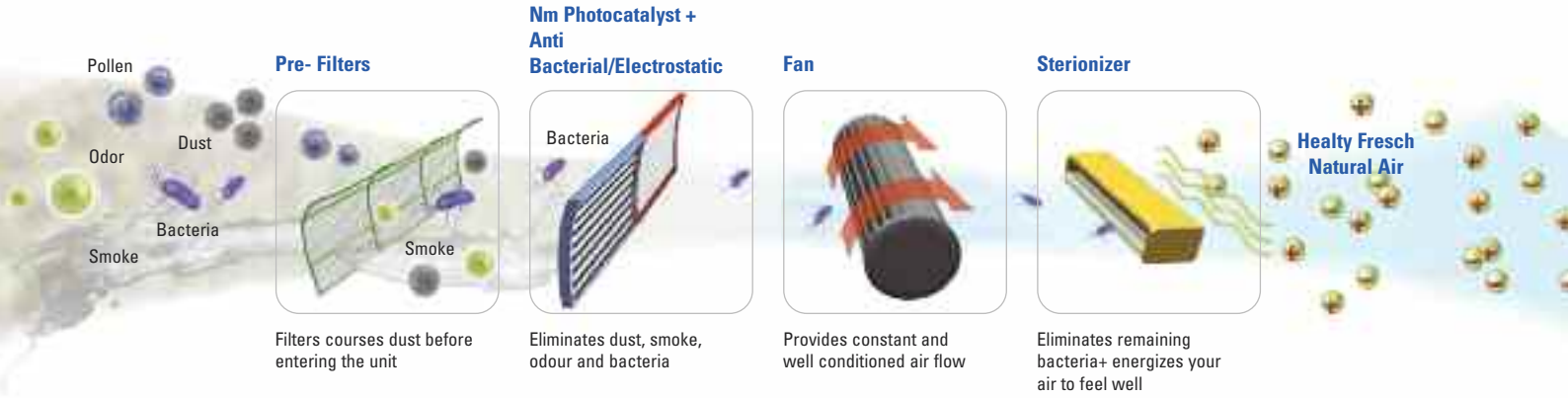


Staying in well isolated buildings we believe that the air is clean, but it's the opposite. Biological impurities, such as allergens, viruses, bacteria, mould, fungi and mites affect us every day. We also contribute with additional contaminants like tobacco, cooking smoke, odours and pollutants from carpets, paints and so on. In addition to that, the electrical equipment we are using, like printers, copy machines produce ozone. Actual studies indicate that the level of indoor pollution is 10 times higher than outdoors. Airwell AirCare purification system is helping to make the air cleaner and healthier. Airwell AirCare is a flexible filtration system of Electrostatic, Nm Photocatalyst and Anti Bacterial / Electrostatic filters in combination with a Bi-polar Sterionizer which recreates the same pleasant well-being atmosphere that you would find near a waterfall or in a forest. Airwell AirCare is a 3 in 1 system, providing you well air-conditioned air, making it healthier and cleaner by significantly reducing pollutants, pollens and allergens and energizing you with the Sterionizer.

CLEAN AIR IS AN **ESSENTIAL** PART OF OUR HEALTH



The world is taking care to keep the outside pollution as clean as possible. But while we are working, eating, relaxing and sleeping, we are spending more than 80% of our time indoors.



Filters courses dust before entering the unit

Eliminates dust, smoke, odour and bacteria

Provides constant and well conditioned air flow

Eliminates remaining bacteria+ energizes your air to feel well

ENERGIZED AIR WITH AIRWELL AIRCARE

The Airwell AirCare Sterionizer makes you feel more energized. Simply activate the Sterionizer of your Airwell unit and enjoy well conditioned air combined with ionized air, which will make you feel like you were in a forest or breathing the air just after a storm.

Bi/uno polar comparison

Parameter	Unipolar	Bipolar
Ion compound as in the nature	no	yes
Inactivation of viruses and bacteria	no	yes
Static electricity	yes	no

	Product Family	Technology	Pre Charge Filters		Bipolar	Electrostatic Filter
			Nm Photocatalyst	Anti Bacterial/Electro static Filters		
Wall Mounted	PNX A	DCI	Yes	Yes	Yes	Yes
	FLO	DCI	Yes	Yes	Yes	Yes
	XLD	DCI	No	No	Yes	No
	HDD	DCI	Yes	Yes	No	No
	HHF	FS	Yes	Yes	No	No
Cassettes	CK (60x60)	DCI	No	No	Yes (Option)	Yes (Option)
	CAD (90x90)	DCI	No	No	No	No
	CAF	FS	No	No	No	No
Other	SX/FWD	DCI	No	No	No	No
	FAD/FAF	DCI/FS	No	No	No	No
	All Ducted	DCI/FS	No	No	No	No
	FSF	FS	No	No	No	No

DCI = Inverter, FS = Fix speed on/off unit

Innovation and Quality

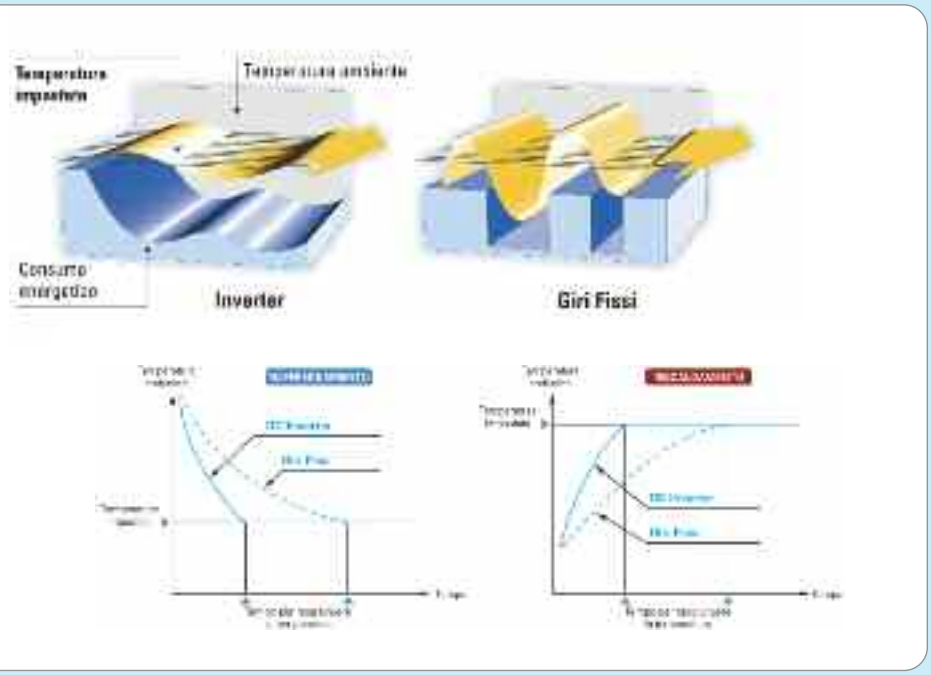
Spending all our energy to continuously develop innovative products for our customer will ensure our market position. More than 130 people are devoted to study products with a special care to the energy efficiency and acoustic emission issues for a better quality of life. The research activity includes all aspects of product development to grant the best performances and the highest level of communication with the external world

INNOVATION AND QUALITY ARE ONE **IMPORTANT** PARTS OF AIRWELL´S PHILOSOPHY

Since the beginning, in 1947, Airwell has been internationally recognised for its high quality standards, sophistication and technical innovation in air conditioning in residential and commercial fields. Our plants implemented long-term goals driven by annual quality objectives to supply premium quality products supported by top level services to fulfil all customer requirements. The company's plants adhere strictly to international quality systems such as ISO-9001/2000 and are certified by most recognised certification bodies. But quality does not stop at the end of production line. Most advanced control methods and systems are used to set service goals and field quality objectives and used for highly effective "Field quality Monitoring to continuously improve our products.

DC INVERTER TECHNOLOGY

The protection of our environment is one of the most important tasks we have. Speaking about air conditioning, inverter techniques became an important technology for this essential task. Inverter not only save energy but also provides an excellent sound performance and a high flexibility.



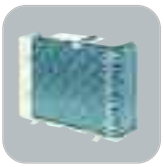
Heating Mode Operation down to -15°
The latest DC INVERTER technology, combined with the use of R410A "green" fluid, allow for optimal efficiency (Class A energy label) and exceptional performance with the capability of operating in Heating mode at outdoor temperatures down to -15 °C.

Energy Saving Compared with a traditional fixed speed system, DC Inverter technology represents an energy saving of 30% (Class A). The secret behind is that inverter can control and adapt its running speed according to the room temperature requirements. By avoiding compressor start-up and stoppage phases, DC Inverter technology enables the system to run continuously while modulating the compressor output in relation to the room's set temperature point. The inverter technology can be compared with driving a car: To reach a hill you need to push your accelerator more while driving downhill you do not need to push as much. In the same way an inverter unit will start with increased capacity to reach room temperature needed and reduces its capacity when set temperature reached to maintain set room conditions with low capacity input to save energy.

Silent Running By reducing its speed the inverter provides much better sound performances compare to fix speed systems where the compressor is running full speed all time.

Quick reach of set temperature DC Inverter starts with maximum speed to reach room set temperature a quick as possible. Once the temperature setpoint is reached the inverter will reduce and adapt speed needed to obtain capacity needed only.

Compressor A variable power DC INVERTER rotary type, this compressor provides high efficiency and increased acoustic insulation.



Condenser "Bluefin" hydrophilic treatment promotes the flow of condensates, while also providing corrosion protection to maintain performance levels and increasing the service life.

Propeller With 3 aerodynamic blades, the propeller offers better balance, enhances the exchange process and makes silent operation possible

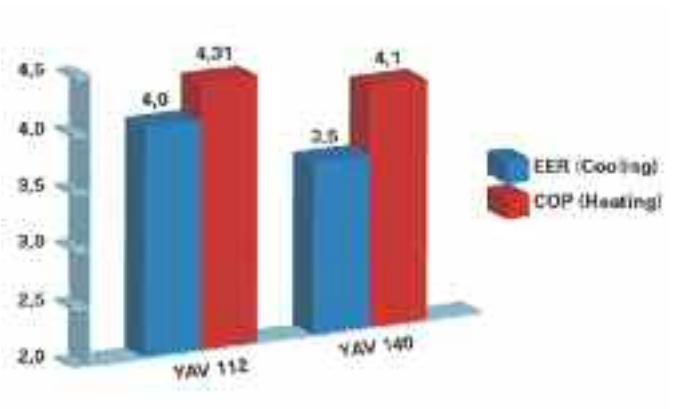
Ventilator Motor A variable power DC INVERTER type, this high efficiency motor provides silent operation.

MVi is as flexible as your unique building and can be fully customised to your HVAC needs. One complete MVi DRV system contains one MVi DRV outdoor unit and up to 8 indoor units of different designs plus the control to manage the whole system individually.
The «beauty» of this system is the easiness of installation which makes this system ideal as well for the installations, replacement or a combination of both.
The MVi system allows you to install the indoor units either floor by floor or zone by zone.

MAXIMUM INSTALLATION FLEXIBILITY

TOP CLASS EFFICIENCY

In addition to the DC inverter technology the MVi system is featured with an advanced 480 step electronic expansion valve to precisely amount the refrigerant to each indoor unit allowing individual comfort at any time. The result is that MVi systems achieves remarkable energy efficiency performance (COP greater than 4) whilst offering ultra silent operation, and a compact footprint.



MVi indoor units are available in a wide range of different versions which provides a maximum flexibility. With 34 different product types and sizes from 2,2 to 11kW, MVi indoor range offers solutions to equip any commercial, institutional, or large residential applications.

All indoor units are easy to install and designed to provide powerful cooling and heating performance. Different filters and ionizers but also the extremely silent operation of the units (including a night operation mode) offer increased personal comfort. The innovative "I FEEL" function further improves the user comfort as it switches the temperature sensing point from behind the intake grill of the indoor unit, where it is generally located, to the place where the user (the remote control) is physically located. The communication between the remote control and the unit is then done by infrared signal.

MVI BENEFITS TO YOUR BUILDING

- Fully customisable air conditioning solution
- Two sizes with nominal capacity of 11,2 and 14 kW
- Top class COP up to 4,31
- Up to 8 indoor units to one MVi system
- Up to 200m piping length per system
- Height difference up to 50 m
- Indoor product range from 2.2 kW to 11.0 kW cooling/heating capacity
- 34 different indoor types out of 6 product families
- MVi can be flexible adjusted to each construction stage of the building
- All product sizes can be flexible combined
- Complete range of system controls
- Fully automatic addressing technology

DC Inverter Range

The DC Inverter technology pushes back the limits of perfection, and guarantees the very best air conditioning performance: ambient temperature maintained to the nearest 1/2 degree, optimal energy efficiency, unequalled silent running, significant energy savings, high efficiency filtration, compact outdoor units... Our overriding priority is to meet the most stringent demands for user comfort. So be demanding and choose our exceptional Airwell DC Inverter range.

TOP DC INVERTER TECHNOLOGY

HIGH PERFORMANCE

ENERGY EFFICIENCY

ENVIRONMENTAL FRIENDLY

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PHOENIX RANGE

PNX A/FLO
DC INVERTER

WALL MOUNTED HEAT PUMP

6 Heat Pump models
From 2.1 kW to 8.5 kW

INDOOR UNIT **PNX A 09-12 DCI**

EXCEPTIONAL AIR QUALITY

The Airwell ioniser produces 50,000 negative ions, as much as standing next to a waterfall!

PRODUCT ADVANTAGES

- Perfect comfort, unequalled unobtrusiveness, great accuracy in maintaining the desired temperature and controlling air quality.
- High glossy finish for the PNX A DCI range.
- Aircare Bi-Polar Air Ionizer for PNX A DCI range.
- Optimal efficiency: Class A energy label (PNX A 09-12-18).
- Heating mode operation down to outdoor temperatures of -15° C.
- Optimal temperature regulation.
- Electronic regulation and programming.
- High efficiency filtration.
- Automatic treated air sweeping.
- LCD screen (except FLO 30 DCI).
- Fluid pre-charged at the factory for up to 20 m pipe lengths (depending on models).
- Supplied with RC7 remote control.
- Compatible with multi DCI outdoor units DUO/TRIO/QUATTRO and CINCO.

* Wall mounted RCW2 remote control for PNX A DCI range (Optional)

HIGH EFFICIENCY FILTRATION

3 filtration levels to capture and neutralise dust, pollen, mites, tobacco odour...

Standard filter

Active charcoal filter

Electrostatic filter

INDOOR UNIT **PNX A 18-24 DCI**

OUTDOOR UNIT **YBD 007**

RC7 **RCW2***

INDOOR UNIT **FLO 30 DCI**

OUTDOOR UNIT **GC 9-12 DCI - YBD 018**

OUTDOOR UNIT **YBD 024/GCD 030 DCI**

PHOENIX PNX A/FLO DCI

			PNX A 07 DCI	PNX A 09 DCI	PNX A 12 DCI	PNX A 18 DCI	PNX A 24 DCI	FLO 30 DCI
	Indoor Units		**AWSI-PNXA007-N11**	**AWSI-PNXA009-N11**	**AWSI-PNXA012-N11**	**AWSI-PNXA018-N11**	**AWSI-PNXA024-N11**	**FLO 30 DCI**
	Outdoor Units		**AWAU-YBD007-H11**	**GC 9 DC INV R410**	**GC 12 DC INV R410**	**AWAU-YBD018-H11**	**AWAU-YBD024-H11**	**GCD 030 DCI**
Cooling	**Capacity**	kW	**1.8 (1.0-2.5)**	**2.5 (1.4-3.6)**	**3.5 (1.4-4.3)**	**5 (1.5-6)**	**6.8 (1.5-7.5)**	**7.8 (1.5-8.8)**
	Power input	kW	0.36	0.5	0.87	1.37	2.25	2.59
	EER/Energy Label		5.0/A	5.0/A	4.02/A	3.65/A	3.01/B	3.01/B
	Operating limits	°C	-10°/46° Dry Bulb	-10°/46° Dry Bulb	-10°/46° Dry Bulb	-10°/46° Dry Bulb	-10°/46° Dry Bulb	-10°/46° Dry Bulb
Heating	**Capacity**	kW	**2.1 (1.5-5)**	**3 (1.5-5)**	**4 (1.5-5.8)**	**5.6 (1.3-6.8)**	**7.6 (1.5-8.8)**	**8.5 (1.5-9.5)**
	Capacity at -15°C	kW	2.0	2.0	2.6	2.3	-	-
	Power input	kW	0.41	0.6	1	1.46	2.35	2.65
	COP/Energy Label		5.15/A	5.0/A	4.0/A	3.84/A	3.23/C	3.21/C
	Operating limits	°C	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb
Indoor unit	Sound pressure level 1 mt[1]	dB(A)	26/33/37	26/34/39	26/34/40	34/39/43	38/43/47	44/48/51
	Sound power level[1]	dB(A)	39/46/49	39/47/51	39/47/52	47/51/55	51/56/60	57/61/66
	Airflow[1]	m^3/h	300/380/450	330/430/530	350/450/550	550/700/850	670/800/960	900/1050/1250
	Dehumidification	l/h	1	1	1.5	2	2.5	3
	Dimensions (WxDxH)	mm	810x210x285	810x210x285	810x210x285	1060x221x295	1060x221x295	1200x236x340
	Weight	kg	11.5	11.5	11.5	15	15	18.5
	Part number		**7SP022860**	**7SP022874**	**7SP022875**	**7SP022876**	**7SP022878**	**7SP022333**
Outdoor unit	Sound pressure level 1 mt	dB(A)	51	51	52	53	56	58
	Sound power level	dB(A)	61	61	62	63	69	69
	Airflow	m^3/h	1780	1780	1780	2160	3600	3600
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inv.	Twin Rotary DC Inv.
	Dimensions (WxDxH)	mm	795x290x610	795x290x610	795x290x610	795x290x610	950x412x835	950x412x835
	Weight	kg	38	38	38.5	38	64.5	66
Power supply 1-230V - 50 Hz	**Part number**		**7SP061793**	**7SP061420**	**7SP061421**	**7SP061738**	**7SP061762**	**7SP061735**
Power supply 1-230V - 50Hz	Power supply side		Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor
	Power cable section	mm^2	3x1.5	3x1.5	3x1.5	3x2.5	3x2.5	3x2.5
	Fuse rating	A	16	16	16	20	25	25
	Electrical connections	mm^2	4x1.5	4x1.5	4x1.5	4x2.5	4x2.5	4x2.5
Pipe line	Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
	Max lenght	m	20	20	20	30	30	30
	Max height	m	10	10	10	10	15	15

[1]Data are relative to Low speed, Medium speed and High speed

ACCESSORIES		PNX A 07 DCI	PNX A 09 DCI	PNX A 12 DCI	PNX A 18 DCI	PNX A 24 DCI	FLO 30 DCI
Mounting bracket	7ACTL0016	*	*	*	*	-	-
	7ACTL0018	-	-	-	-	-	-
Remote control RCW2	7ACTL1212	*	*	*	*	*	-
RCW2 connexion kit	7ACEL1249	*	*	*	*	*	*

* Available
- Not available

HDD
DC INVERTER
WALL MOUNTED

4 Heat Pump models
From 3.52 kW to 6.7 kW

INDOOR UNITS **HDD 009-012-018-024**

PRODUCT ADVANTAGES

- DC inverter technology.
- Sine wave compressor drive technology.
- Energy class A/A.
- I Feel function.
- Flat panel and modern design.
- Compact dimensions.
- Led display panel with room set temperature display.
- Low noise level.
- Automatic clean and internal system drying.
- Self Diagnostic by digital failure code indication.
- Automatic restart.
- Cooling and heating boosting.
- High Efficiency filters including photo catalytic and antibacterial pre filters.

RC08A

OUTDOOR UNITS
YDD 009-012

OUTDOOR UNITS
YDD 018

OUTDOOR UNITS
YDD 024

HDD DC INVERTER

			HDD 009	HDD 012	HDD 018	HDD 024
	Indoor units		**AWSI-HDD009-N11**	**AWSI-HDD012-N11**	**AWSI-HDD018-N11**	**AWSI-HDD024-N11**
	Outdoor units		**AWAU-YDD009-H11**	**AWAU-YDD012-H11**	**AWAU-YDD018-H11**	**AWAU-YDD024-H11**
Cooling	**Capacity**	kW	**2.65 (0.45-3.23)**	**3.53 (0.6-3.96)**	**5.3 (1.05-6.5)**	**6.45 (1.4-7.0)**
	Input power	kW	0.8	1.1	1.6	2
	EER/Energy Label		3.3/A	3.21/A	3.31/A	3.22/A
	Operating limits	°C	10°/48° Dry Bulb	10°/48° Dry Bulb	5°/46° Dry Bulb	5°/46° Dry Bulb
Heating	**Capacity**	**kW**	**3.52 (0.45-4.1)**	**4.1 (0.6-5.13)**	**5.8 (1.0-7.1)**	**6.7 (1.2-8.0)**
	Input power	kW	0.95	1.14	1.6	1.85
	COP/Energy Label		3.7/A	3.61/A	3.62/A	3.62/A
	Operating limits	°C	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/30° Dry Bulb	-15°/30° Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	24/30/36/41	25/31/37/42	29/37/40/45	34/39/44/48
	Sound power level (LS/MS/HS/SS)	dB(A)	34/40/46/51	35/41/47/52	39/47/50/55	44/49/54/58
	Airflow (LS/MS/HS/SS)	m^3/h	280/370/520/630	300/410/560/680	460/560/680/800	550/700/800/1000
	Dehumidification	l/h	0.8	1.5	3	4
	Dimensions (WxDxH)	mm	770x201x283	770x201x283	865x215x305	1008x221x319
	Weight	kg	8	9	12	15
	Part number		**7SP022852**	**7SP022853**	**7SP022854**	**7SP022855**
Outdoor unit	Sound pressure level to 1 m	dB(A)	47	48	54	56
	Sound power level	dB(A)	57	58	64	66
	Airflow	m^3/h	1600	1600	2700	2900
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (WxDxH)	mm	658x275x550	658x275x550	955x424x700	955x396x700
	Weight	kg	28	30	52	55
Power supply 1~230V - 50 Hz	**Part number**		**7SP061774**	**7SP061775**	**7SP061776**	**7SP061777**
Power supply 1~230V - 50 Hz	Power supply side		Indoor	Indoor	Indoor	Indoor
	Power cable section	mm^2	3x1.5	3x1.5	3x2.5	3x2.5
	Fuse rating	A	16A	16A	25A	25A
	Electrical connections	mm^2	4x1.5	4x1.5	4x2.5	4x2.5
Pipe line	Suction pipe diameter	inches	3/8"	3/8"	1/2"	1/2"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
	Max lenght	m	15	15	25	25
	Max height	m	5	5	10	10

LOUISIANA RANGE

XLD
DC INVERTER

LOW/HIGH WALL MOUNTED

2 Heat Pump models
From 2.5 kW to 3.5 kW

INDOOR UNIT **XLD 9-12 DCI**

BLOWN AIR IN 4 DIRECTIONS

Treated air is distributed in four directions. The user can direct the treated air to optimise comfort levels, depending on the chosen operating mode:

Cooling mode: air blown upwards falls back down evenly to cool the room.

Heating mode: air blown towards the floor rises progressively to spread more effectively throughout the room.

Side blowing: ensures uniform air distribution throughout the room without creating the feeling of draughts.

PRODUCT ADVANTAGES

- Low or high wall mounted installation.
- Hi wall installation or floor installation (once bottom port is closed).
- Innovative, modern and ultra-compact design (depth 160mm).
- Multi flow with air distribution to 4 sides and option to adjust to 3 sides (with special kit).
- Optimized air flow.
- Comfortable air distribution.
- Class A energy label.
- High performance filtration.
- Aircare bi-polar ionizer as standard
- Easy for installation and disassembly air filter
- Ultra-quiet operation.
- Compatible with multi DCI outdoor units DUO/TRIO/QUATTRO and CINCO.
- Electronic regulation and programming.
- Supplied with RC7 remote control.
- LCD Display for pictures.

* Wall mounted RCW2 remote control (Optional)

LCD Display

RC7 **RCW2***

OUTDOOR UNIT
GC 9-12 DCI

XLD DCI

			XLD 009	XLD 012
	Indoor units		**AWSI-XLD009-N11**	**AWSI-XLD012-N11**
	Outdoor units		**GC 9 DC INV R410**	**GC 12 DC INV R410**
Cooling	**Capacity**	kW	**2.5**	**3.5**
	Input power	kW	0.658	1.09
	EER/Energy Label		3.8/A	3.2/A
	Outdoor temperature operating limits	°C	-10°/46° Dry Bulb	
Heating	**Capacity**	kW	**2.5**	**3.5**
	Input power	kW	0.625	0.97
	COP/Energy Label		4.0/A	3.61/A
	Outdoor temperature operating limits	°C	-15°/24° Dry Bulb	
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	32/35/38	33/36/39
	Sound power level (high)	dB(A)	55	56
	Airflow (LS/MS/HS)	m^3/h	330/370/390	310/370/400
	Dehumidification	l/h	1	1.6
	Dimensions (WxDxH)	mm	570x160x570	570x160x570
	Weight	kg	13.5	14
	Part number		**7SP022850**	**7SP022851**
Outdoor unit	Sound pressure level to 1 m	dB(A)	51	52
	Sound power level	dB(A)	61	62
	Airflow	m^3/h	1780	1780
	Compressor type		Rotary DC Inverter	Rotary DC Inverter
	Dimensions (WxDxH)	mm	795x290x610	795x290x610
	Weight	kg	38	38.5
Power supply 1~230V - 50 Hz	**Part number**		**7SP061420**	**7SP061421**
Power supply 1~230V - 50 Hz	Power supply side		Indoor	Indoor
	Power cable section	mm^2	3x1.5	3x1.5
	Fuse rating am	A	16	16
	Electrical connections	mm^2	4x1.5	4x1.5
Pipe line	Suction pipe diameter	inches	3/8"	3/8"
	Liquid pipe diameter	inches	1/4"	1/4"
	Max lenght	m	20	20
	Max height	m	10	10

ACCESSORIES		**XLD 9 DCI**	**XLD 12 DCI**
Mounting bracket	7ACTL0016	*	*
Remote control RCW2	7ACEL1212	*	*

* Available

CALIFORNIA RANGE

SX

DC INVERTER

FLOOR/CEILING SPLIT UNITS HEAT PUMP

6 Heat Pump models
From 3.3 kW to 8.7 kW

INDOOR UNIT **SX 9-12 DCI/SX 18-21-24-30 DCI**

Horizontal or vertical unit mounting

Possibility of air conditioning 2 separate rooms with a single unit

PRODUCT ADVANTAGES

- Perfect comfort, unequalled unobtrusiveness, great accuracy in maintaining the desired temperature and controlling air quality.
- R410A "green" fluid.
- Optimal efficiency: Class A and B energy label.
- Heating mode operation down to outdoor temperatures of -15° C.
- Optimal temperature regulation.
- Electronic regulation and programming.
- Dual automatic treat air sweeping.
- Fluid pre-charged at the factory for up to 20 m pipe lengths (depending on models).
- Low wall or ceiling mounting.
- Possibility of air conditioning two separate rooms with a single unit.
- Supplied with RC7 remote control.
- Compatible with multi DCI outdoor units DUO/TRIO/QUATTRO and CINCO.

* Wall mounted RCW2 remote control (Optional)

RC7 **RCW2***

OUTDOOR UNIT
GC 9-12 DCI - YBD 018

INDOOR UNIT **SX 9-12 DCI**

OUTDOOR UNIT
YBD 022

INDOOR UNIT **SX 18-21-24-30 DCI**

OUTDOOR UNIT
YBD 024/GCD 030

CALIFORNIA SX DCI

			SX 9 DCI	SX 12 DCI	SX 18 DCI	SX 21 DCI	SX 24 DCI	SX 30 DCI
	Indoor Units		**SX 9 DCI**	**SX 12 DCI**	**SX 18 DCI**	**SX 21 DCI**	**SX 24 DCI**	**SX 30 DCI**
	Outdoor Units		**GC 9 DCI**	**GC 12 DCI**	**AWAU-YBD018-H11**	**AWAU-YBD022-H11**	**AWAU-YBD024-H11**	**AWAU-GCD 030-H11**
Cooling	**Capacity**	kW	**2.5 (1.4-3.6)**	**3.5 (1.5-4.4)**	**5 (1.5-5.8)**	**5.7 (1.5-6.4)**	**6.8 (1.5-7.6)**	**7.5 (1.6-8.6)**
	Power input	kW	0.62	0.98	1.51	1.78	2.25	2.49
	EER/Energy Label		4.03/A	3.57/A	3.31/A	3.2/A	3.02/B	3.01/B
	Operating limits	°C	-10°/46° Dry bulb	-10°/46° Dry bulb	-10°/46° Dry bulb	-10°/46° Dry bulb	-10°/46° Dry bulb	-10°/46° Dry bulb
Heating	**Capacity**	kW	**3.2 (1.5-4.5)**	**4.2 (1.5-5.0)**	**5.6 (1.3-6.5)**	**6.3 (1.6-7.5)**	**7.6 (1.6-8.6)**	**8.7 (1.8-9.8)**
	Capacity at -15°C	kW	1.9	2.5	2.3	-	-	-
	Power input	kW	0.93	1.31	1.59	1.75	2 105	2.55
	COP/Energy Label		3.41/B	3.21/B	3.52/B	3.6/A	3.61/A	3.41/B
	Operating limits	°C	-15°/24° Dry bulb	-15°/24° Dry bulb	-15°/24° Dry bulb	-15°/24° Dry bulb	-15°/24° Dry bulb	-15°/24° Dry bulb
Indoor unit	Sound pressure level 1 mt[1]	dB(A)	29/37/42	30/41/45	40/48/51	43/47/51	46/51/58	46/51/58
	Sound power level[1]	dB(A)	41/49/54	51/53/56	56/60/65	55/59/63	58/63/69	58/63/69
	Airflow[1]	m^3/h	300/350/400	300/400/450	600/750/870	650/780/920	800/950/1020	800/950/1020
	Dehumidification	l/h	1	1.5	2	2	2.5	3
	Dimensions (WxDxH)	mm	820x190x630	820x190x630	1200x190x630	1200x190x630	1200X190X630	1200X190X630
	Weight	kg	21	22	30	31	32	32
	Part number		**7SP012113**	**7SP012114**	**7SP012115**	**7SP012150**	**7SP012151**	**7SP012152**
Outdoor unit	Sound pressure level 1 mt	dB(A)	51	52	53	56	56	58
	Sound power level	dB(A)	61	62	63	66	69	69
	Airflow	m^3/h	1780	1780	2160	2860	3600	3600
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inv.	Twin Rotary DC Inv.	Twin Rotary DC Inv.
	Dimensions (WxDxH)	mm	795x290x610	795x290x610	795x290x610	846x302x690	950x412x835	950x412x835
	Weight	kg	38	38.5	38	45	64.5	66
Power supply 1-230V - 50 Hz	**Part number**		**7SP061420**	**7SP061421**	**7SP061738**	**7SP061763**	**7SP061762**	**7SP061735**
Power supply 1-230V - 50Hz	Power supply side		Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor
	Power cable section	mm^2	3x1.5	3x1.5	3x2.5	3x2.5	3x2.5	3x2.5
	Fuse rating	A	16	16	20	20	25	25
	Electrical connections	mm^2	4x1.5	4x1.5	4x2.5	4x2.5	4x2.5	4x2.5
Pipe line	Suction pipe diameter	inches	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
	Max lenght	m	20	20	20	20	30	30
	Max height	m	10	10	10	10	15	15

[1]Data are relative to Low speed, Medium speed and High speed

ACCESSORIES		SX 9 DCI	SX 12 DCI	SX 18 DCI	SX 21 DCI	SX 24 DCI	SX 30 DCI
Condensate lift pump	7ACFH0221	*	*	*	*	*	*
Air distribution unit	7ACVF0122	*	*	-	-	-	-
	7ACVF0123	-	-	*	*	*	*
Rear panel tube cover	7ACTL0073	*	*	-	-	-	-
	7ACTL0074	-	-	*	*	*	*
Mounting bracket	7ACTL0016	*	*	*	-	-	-
	7ACTL0018	-	-	-	*	-	-
Remote control RCW2	7ACEL1212	*	*	*	*	*	*

* Available
\- Not available

FAD
DC INVERTER
FLOOR-CEILING

3 Heat Pump models
From 9.0 kW to 15.5 kW

INDOOR UNITS **FAD 030-036-048**

PRODUCT ADVANTAGES

- Auto mode/Cooling/Heating/Dehumidification
- Sleep mode (from remote control)
- ON/OFF Timer
- Vertical auto swing/Auto swing
- Inteligent Deicing
- Auto restart memory (after power failure)
- Cold air prevention in heating
- Self diagnosic (Error indications) for ease of maintenance
- Available in 1 or 3 phases (depend of models)
- Remote control RC08A
  - Low power battery indication
  - I FEEL function
- Wired Remote control
- Centralized control up to 16 units including weekly timer (Optional)

Wired Control

RC08A

OUTDOOR UNITS
YUD 030

OUTDOOR UNITS
YUD 036

OUTDOOR UNITS **YUD 048**

FAD DC INVERTER

			FAD 030 DCI	FAD 036 DCI	FAD 048 DCI
	Indoor units		**AWSI-FAD030-N11**	**AWSI-FAD036-N11**	**AWSI-FAD048-N11**
	Outdoor Units 1~230V - 50 Hz		**AWAU-YUD030-H11**	**AWAU-YUD036-H11**	
	Outdoor Units 3~400V - 50 Hz			**AWAU-YUD036-H13**	**AWAU-YUD048-H13**
Cooling	**Capacity**	kW	**8.6 (3.1-9.0)**	**10.0 (3.5-13.0)**	**14.0 (5.0-14.3)**
	Input power	kW	2.60	3.32	4.37
	EER/Energy Label		3.31/A	3.01/B	3.20/A
	Outdoor temperature operating limits	°C	18°/48° Dry Bulb	18°/48° Dry Bulb	18°/48° Dry Bulb
Heating	**Capacity**	kW	**9.0 (2.7-9.9)**	**11.0 (3.5-12.5)**	**16.5 (5.27-18.4)**
	Input power	kW	2.49	3.05	4.58
	COP/Energy Label		3.61/A	3.61/A	3.60/A
	Outdoor temperature operating limits	°C	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	46/48/50	48/51/54	52/55/58
	Sound power level (LS/MS/HS)	dB(A)	56/58/60	58/61/64	62/65/68
	Airflow (LS/MS/HS)	m^3/h	1200/1400/1600	1520/1630/2000	1600/1800/2000
	Dehumidification	l/h	3	3.8	5
	Dimensions (WxDxH)	mm	1420x245x700	1420x245x700	1700x245x700
	Weight	kg	51	53	65
	Part number		**7SP012189**	**7SP012190**	**7SP012191**
Outdoor unit	Sound pressure level to 1 m	dB(A)	59	61	65
	Sound power level	dB(A)	69	70	75
	Airflow	m^3/h	4200	6000	7200
	Compressor type		Twin Rotary DC Inverter	Twin Rotary DC Inverter	Scroll DC Inverter
	Dimensions (WxDxH)	mm	980x427x790	1107x440x1100	1085x427x1365
	Weight	kg	68	86 (95)	122
Power supply 1~230V - 50 Hz	**Part number**		**7SP061788**	**7SP061789**	
Power supply 3~400V - 50 Hz	**Part number**			**7SP061790**	**7SP061791**
Power supply 1~230V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm^2	3x1.5 - 3x4.0	3x1.5 - 3x4.0	
	Fuse rating am	A	10 - 25	10 - 32	
	Electrical connections	mm^2	2x0.75	2x0.75	
Power supply 3~400V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm^2		3x1.5 - 5x2.5	3x1.5 - 5x4.0
	Fuse rating am	A		10 - 16	10 - 25
	Electrical connections	mm^2		2x0.75	2x0.75
Pipe line	Suction pipe diameter	inches	5/8"	5/8"	5/8"
	Liquid pipe diameter	inches	3/8"	3/8"	3/8"
	Max lenght	m	30	30	50
	Max height	m	15	15	30

Data in ( ) are for 3 phases models.

FWD
DC INVERTER
FLOOR-CEILING

3 Cooling models
From 3.5 to 6.8 kW

INDOOR UNITS **FWD 012-018-024**

PRODUCT ADVANTAGES

- Floor standing or ceiling applications
- DC Inverter Technology
- Microprocessor control
- Infrared remote control RC08A with LED
- Fresh Air & Distribution treated air to adjacent room
- Indoor centrifugal fan
- Ability to work on Low room temperature, up to 12°C
- Cooling operation at outdoor temperature down to -10°C
- Easy access to the interconnecting tubing and wiring connections
- Main control panel can slide-out for service
- Automatic treated air sweep
- Low sound level in indoor and outdoor side
- Easy installation and service
- Precharged refrigerant up to the max allowing tubing distance of 20 m (model 018/024)

RC08A

OUTDOOR UNITS
GC 12 RC

OUTDOOR UNITS
YBD 018

OUTDOOR UNITS
YBD 024

FWD DC INVERTER

			FWD 012	FWD 018	FWD 024
	Indoor units		**AWSI-FWD 012-N11**	**AWSI-FWD 018-N11**	**AWSI-FWD 024-N11**
	Outdoor units		**GC 12 RC DCI**	**AWAU-YBD018-H11**	**AWAU-YBD024-H11**
Cooling	**Capacity**	kW	**3.5 (1.5-4.0)**	**5.0 (1.5-5.8)**	**6.8 (1.5-7.6)**
	Input power	kW	1.09	1.51	2.25
	EER/Energy Label		3.21/A	3.31/A	3.02/B
	Outdoor temperature operating limits	°C	-10°/46° Dry Bulb	-10°/46° Dry Bulb	-10°/46° Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	30/41/45	40/48/51	46/51/54
	Sound power level (LS/MS/HS)	dB(A)	51/53/56	56/60/65	58/63/66
	Airflow	m^3/h	300/400/450	600/750/870	800/950/1020
	Dehumidification	l/h	1.5	2	2.5
	Dimensions (WxDxH)	mm	820x190x630	1200x190x630	1200x190x630
	Weight	kg	22	30	32
	Part number		**7SP012181**	**7SP012182**	**7SP012183**
Outdoor unit	Sound pressure level to 1 m	dB(A)	55	53	56
	Sound power level	dB(A)	65	63	69
	Airflow	m^3/h	1460	2160	3600
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DCI
	Dimensions (WxDxH)	mm	760x245x545	795x290x610	950x412x835
	Weight	kg	37	38	64.5
Power supply 1~230V - 50 Hz	**Part number**		**7SP061619**	**7SP061738**	**7SP061762**
Power supply 1~230V - 50 Hz	Power supply side		Indoor	Indoor	Indoor
	Power cable section	mm^2	3x1.5	3x2.5	3x2.5
	Fuse rating am	A	16	20	25
	Electrical connections	mm^2	4x1.5	4x2.5	4x2.5
Pipe line	Suction pipe diameter	inches	1/2"	1/2"	5/8"
	Liquid pipe diameter	inches	1/4"	1/4"	3/8"
	Max lenght	m	15	20	30
	Max height	m	10	10	15

NEVADA RANGE

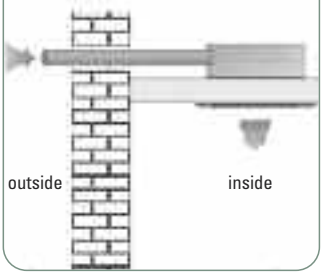
CK
DC INVERTER

CASSETTES
HEAT PUMP

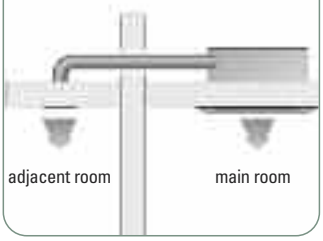
5 Heat Pump models
From 3.2 kW to 7.3 kW

INDOOR UNIT **CK 9-12-18-24 DCI**

AIR RENEWAL



AIR CONDITIONING OF AN ADJACENT ROOM



PRODUCT ADVANTAGES

- Innovative features with elegant design.
- Four motorized air distribution flaps.
- New air intake.
- Air distribution to an adjacent room.
- High efficiency filtration.
- Aircare Bipolar Air Ionizer (optional).
- Designed for integration in suspended ceilings.
- Simplified installation and maintenance.
- 6 selectable louver positions plus automatic and swing.
- 600 x 600 mm format/Built-in depth: 219 or 270 mm
- Integrated condensate drainage lift pump.
- Optimal efficiency Class A energy label (CK DCI 9-12-18).
- Electronic regulation and programming.
- Compatible with multi DCI outdoor units DUO/TRIO/QUATTRO and CINCO.
- Up to 50 m pipe length between ind. and outdoor unit.
- Up to 25 m vertical high between ind. and outdoor unit.
- Supplied with RC7 remote control.

* Wall mounted RCW2 remote control (Optional)

RC7 **RCW2***

OUTDOOR UNIT
GC 9-12 DCI - YBD 018

OUTDOOR UNIT
YBD 024

NEVADA CK DCI

			CK 9 DCI	CK 12 DCI	CK 18 DCI	CK 24 DCI
	Indoor Units		**CK 9 DCI**	**CK 12 DCI**	**CK 18 DCI**	**CK 24 DCI**
	Outdoor Units		**GC 9 DCI**	**GC 12 DCI**	**AWAU-YBD018-H11**	**YBD 024**
Cooling	**Capacity**	kW	**2.5 (1.5-3.6)**	**3.5 (1.7-4.3)**	**5 (1.5-5.8)**	**6.8 (1.5-8.0)**
	Power input	kW	0.59	0.96	1.51	2.41
	EER/Energy Label		4.24/A	3.63/A	3.31/A	2.82/C
	Operating limits	°C	-10°/46° Dry Bulb	-10°/46° Dry Bulb	-10°/46° Dry Bulb	-10°/46° Dry Bulb
Heating	**Capacity**	kW	**3.2 (1.5-4.8)**	**4.2 (1.6-5.5)**	**5.6 (1.5-6.5)**	**7.3 (1.5-9.0)**
	Power input	kW	0.8	1.16	1.6	2.27
	COP/Energy Label		4/A	3.64/A	3.61/A	3.22/C
	Operating limits	°C	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb
Indoor unit	Sound pressure level 1 mt[1]	dB(A)	28/30/32	28/31/34	34/37/42	36/38/40
	Sound power level	dB(A)	49	51	55	60
	Airflow	m^3/h	320/370/420	320/390/470	500/560/620	580/640/700
	Dehumidification	l/h	0.7	1.5	2	3
	Dimensions (WxDxH)	mm	575x575x219	575x575x219	575x575x270	575x575x270
	Frame grid ceiling (WxDxH)	mm	625x625x40	625x625x40	625x625x40	625x625x40
	Frame hard ceiling (WxDxH)	mm	725x725x40	725x725x40	725x725x40	725x725x40
	Weight	kg	12.9	12.9	15.2	15.5
	Part number		**7SP022750**	**7SP022751**	**7SP022752**	**7SP022754**
	Part number Frame 600 x 600 grid ceiling		**7ACVF0478**	**7ACVF0478**	**7ACVF0478**	**7ACVF0478**
	Part number Frame 600 x 600 solid ceiling		**7ACVF0479**	**7ACVF0479**	**7ACVF0479**	**7ACVF0479**
Outdoor unit	Sound pressure level 1 mt	dB(A)	51	52	52	56
	Sound power level	dB(A)	61	62	62	69
	Airflow	m^3/h	1780	1780	2160	3600
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (WxDxH)	mm	795x290x610	795x290x610	795x290x610	950x412x835
	Weight	kg	38	38.5	39	64.5
Power supply 1-230V - 50 Hz	**Part number**		**7SP061420**	**7SP061421**	**7SP061738**	**7SP061762**
Power supply 1-230V - 50Hz	Power supply side		Indoor	Indoor	Indoor	Outdoor
	Power cable section	mm^2	3x1.5	3x1.5	3x2.5	3x2.5
	Fuse rating	A	16	16	20	25
	Electrical connections	mm^2	4x1.5	4x1.5	4x2.5	4x2.5
Pipe line	Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
	Max lenght	m	20	20	30	30
	Max height	m	10	10	10	15

[1]Data are relative to Low speed, Medium speed and High speed

The panel is separated from unit and not delivered on the same box. CK DCI is delivered without panel.
For each order, decoration panel must be ordered according to the installation situation.

ACCESSORIES		CK 9 DCI	CK 12 DCI	CK 18 DCI	CK 24 DCI
Mounting bracket	7ACTL0016	*	*	*	-
	7ACTL0018	-	-	-	-
Remote control RCW2	7ACEL1212	*	*	*	*
UNAC-F1C-NN0 (Ionizer)	7ACEL1574	*	*	*	*

* Available
\- Not available

CAD
DC INVERTER
CASSETTE

3 Heat Pump models
From 9.0 kW to 13.0 kW

INDOOR UNITS
CAD 030-036-042

PRODUCT ADVANTAGES

- Auto mode/Cooling/Heating/Dehumidification
- Sleep mode (from remote control)
- ON/OFF Timer
- Vertical auto swing/Auto swing
- 4-dimension swing
- Inteligent Deicing
- Auto restart memory (after power failure)
- Cold air prevention in heating
- Self diagnosic (Error indications) for ease of maintenance
- Available in 1 or 3 phases (depend of models)
- Remote control RC08A
  - Low power battery indication
  - I FEEL function
- Wired Remote control
- Centralized control up to 16 units including weekly timer (Optional)

Wired Control

RC08A

OUTDOOR UNITS
YUD 030

OUTDOOR UNITS
YUD 036

OUTDOOR UNITS **YUD 042**

CAD DC INVERTER

			CAD 030 DCI	CAD 036 DCI	CAD 042 DCI
	Indoor units		**AWSI-CAD030-N11**	**AWSI-CAD036-N11**	**AWSI-CAD042-N11**
	Outdoor Units 1~230V - 50 Hz		**AWAU-YUD030-H11**	**AWAU-YUD036-H11**	
	Outdoor Units 3~400V - 50 Hz			**AWAU-YUD036-H13**	**AWAU-YUD042-H13**
Cooling	**Capacity**	kW	**8,8 (3,0-9,1)**	**9,6 (3,0-11,5)**	**10,8 (3,5-13,0)**
	Input power	kW	2,60	3,20	3,44
	EER/Energy Label		3,31/A	3,00/B	3,14/B
	Outdoor temperature operating limits	°C	18°/48° Dry Bulb	18°/48° Dry Bulb	18°/48° Dry Bulb
Heating	**Capacity**	kW	**9,0 (2,5-9,9)**	**10,5 (3,5-12,8)**	**11,8 (3,8-14,5)**
	Input power	kW	2,49	3,15	3,45
	COP/Energy Label		3,61/A	3,33/C	3,42/B
	Outdoor temperature operating limits	°C	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb
Indoor unit	Sound pressure level to 1 m	dB(A)	48/51/53	48/51/53	48/51/53
	Sound power level	dB(A)	58/61/63	58/61/63	58/61/63
	Airflow	m³/h	1420/1500/1660	1500/1570/1660	1500/1570/1660
	Dehumidification	l/h	3	3,8	4,2
	Dimensions (WxDxH)	mm	840x840x320	840x840x320	840x840x320
	Frame for grid ceiling (WxDxH)	mm			
	Frame for hard ceiling (WxDxH)	mm	950x950x60	950x950x60	950x950x60
	Weight	kg	32	32	38
	Part number		**7SP042215**	**7SP042216**	**7SP042217**
	Part number Frame for grid ceiling				
	Part number Frame for hard ceiling				
Outdoor unit	Sound pressure level to 1 m	dB(A)	59	61	61
	Sound power level	dB(A)	69	70	70
	Airflow	m³/h	4200	6000	6000
	Compressor type		Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (WxDxH)	mm	980x427x790	1107x440x1100	1107x440x1100
	Weight	kg	68	86 (95)	98
Power supply 1~230V - 50 Hz	**Part number**		**7SP061788**	**7SP061789**	
Power supply 3~400V - 50 Hz	**Part number**			**7SP061790**	**7SP061806**
Power supply 1~230V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm²	3x1,5 - 3x4,0	3x1,5 - 3x4,0	
	Fuse rating am	A	10 - 25	10 - 32	
	Electrical connections	mm²	2x0,75	2x0,75	
Power supply 3~400V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm²		3x1,5 - 5x2,5	3x1,5 - 5x2,5
	Fuse rating am	A		10 - 16	10 - 20
	Electrical connections	mm²		2x0,75	2x0,75
Pipe line	Suction pipe diameter	inches	5/8"	5/8"	5/8"
	Liquid pipe diameter	inches	3/8"	3/8"	3/8"
	Max lenght	m	30	30	50
	Max height	m	15	15	30

Data in ( ) are for 3 phases models.

INWELL RANGE

DLF
DC INVERTER

DUCTED UNITS
HEAT PUMP

5 Heat Pump models
From 3.4 kW to 7.45 kW

INDOOR UNIT **DLF 9-12-18 DCI**

PRODUCT ADVANTAGES

- Obvious solution to all installation constraints.
- Extreme low silhouette only: 200 mm
- Integrated condensate drainage lift pump.
- Horizontal/Vertical installation builds in.
- Air distribution/air intake plenums available in accessory.
- Low noise levels in both indoors and outdoors.
- Dry contact output – Alarm.
- High COP "A-B" class energy rating.
- Electronic regulation and programming.
- Heating mode operation down to outdoor temperatures of -15° C.
- Compatible with multi DCI outdoor units DUO/TRIO/QUATTRO and CINCO.
- Up to 50 m pipe length between indoor and outdoor unit.
- Up to 30 m vertical high between indoor and outdoor unit.
- Supplied with RC7 remote control.

* Wall mounted RCW2 remote control available in accessory.

INDOOR UNIT **DLF 21-24 DCI**

RC7 **RCW2***

OUTDOOR UNIT
GC 9-12 DCI - YBD 018

OUTDOOR UNIT
YBD 022

OUTDOOR UNIT
YBD 024

INWELL DLF DCI

			DLF 9 DCI	DLF 12 DCI	DLF 18 DCI	DLF 21 DCI	DLF 24 DCI
	Indoor Units		**DLF 9 DCI**	**DLF 12 DCI**	**DLF 18 DCI**	**DLF 21 DCI**	**DLF 24 DCI**
	Outdoor Units		**GC 9 DCI**	**GC 12 DCI**	**AWAU-YBD018-H11**	**AWAU-YBD022-H11**	**AWAU-YBD024-H11**
Cooling	**Capacity**	kW	**2.5 (1.4-3.6)**	**3.5 (1.4-4.3)**	**5.0 (1.5-5.8)**	**6 (1.8-6.8)**	**7.0 (1.5-7.5)**
	Power input	kW	0.63	0.95	1.51	1.76	2.05
	EER/Energy Label		4.0/A	3.67/A	3.31/A	3.41/A	3.4/A
	Operating limits	°C	-10°/46° Dry bulb	-10°/46° Dry bulb	-10°/46° Dry bulb	-10°/46° Dry bulb	-10°/46° Dry bulb
Heating	**Capacity**	kW	**3.4 (1.5-5.0)**	**4.2 (1.5-5.8)**	**5.6 (1.3-6.8)**	**6.6 (1.6-7.9)**	**7.45 (1.5-8.8)**
	Power input	kW	0.87	1.16	1.55	1.73	2.02
	COP/Energy Label		3.90/A	3.76/A	3.61/A	3.82/A	3.68/A
	Operating limits	°C	-15°/24° Dry bulb	-15°/24° Dry bulb	-15°/24° Dry bulb	-15°/24° Dry bulb	-15°/24° Dry bulb
Indoor unit	Sound pressure level 1 mt[1]	dB(A)	23/26/29	24/27/31	29/32/35	32/34/38	32/35/39
	Sound power level[1]	dB(A)	44/47/50	45/49/53	48/51/54	53/55/59	56/59/63
	Airflow[1]	m^3/h	490/560/620	490/580/650	540/600/710	880/950/1100	900/950/1150
	Dehumidification	l/h	0.5	1	1.5	1 .7	2
	Dimensions (WxDxH)	mm	750x200x630	750x200x630	750x200x630	750x200x630	1050x200x630
	Weight	kg	20	20	21	25	25
	Part number		**7SP022746**	**7SP022747**	**7SP022748**	**7SP022757**	**7SP022749**
Outdoor unit	Sound pressure level 1 mt	dB(A)	51	52	53	56	56
	Sound power level	dB(A)	61	62	63	66	69
	Airflow	m^3/h	1780	1780	2160	2860	3600
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (WxDxH)	mm	795x290x610	795x290x610	795x290x610	846x302x690	950x412x835
	Weight	kg	38	38.5	38	45	64.5
Power supply 1-230V - 50 Hz	**Part number**		**7SP061420**	**7SP061421**	**7SP061738**	**7SP061763**	**7SP061762**
Power supply 1-230V - 50Hz	Power supply side		Indoor	Indoor	Indoor/Outdoor	Indoor/Outdoor	Outdoor
	Power cable section	mm^2	3x1.5	3x1.5	3x2.5	3x2.5	3x2.5
	Fuse rating	A	16	16	20	20	25
	Electrical connections	mm^2	4x1.5	4x1.5	4x2.5	4x2.5	4x2.5
Pipe line	Suction pipe diameter	inches	3/8"	3/8"	1/2"	1/2"	5/8"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"
	Max lenght	m	20	20	20	20	50
	Max height	m	10	10	10	10	25

[1] Data are relative to Low speed, Medium speed and High speed

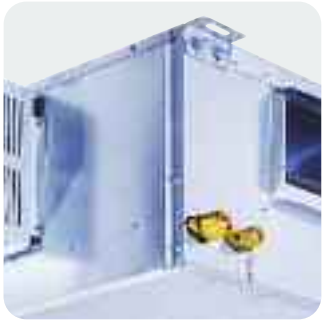
ACCESSORIES		DLF 9 DCI	DLF 12 DCI	DLF 18 DCI	DLF 21 DCI	DLF 24 DCI
Mounting bracket	7ACTL0016	*	*	*	-	-
	7ACTL0018	-	-	-	*	-
Remote control RCW2	7ACEL1212	*	*	*	*	*
Air Outlet plenum	7ACVF0516	*	*	*	-	-
Air Outlet plenum	7ACVF0516	-	-	-	*	*

* Available
- Not available

DBD
DC INVERTER
DUCTED

4 Heat Pump models
From 8.2 kW to 17.3 kW

INDOOR UNITS **DBD 30-036-048-060**



PRODUCT ADVANTAGES

- Auto mode/Cooling/Heating/Dehumidification
- Sleep mode (from remote control)
- ON/OFF Timer
- Inteligent Deicing
- Auto restart memory (after power failure)
- Cold air prevention in heating
- Self diagnosic (Error indications) for ease of maintenance
- Available in 1 or 3 phases (depend of models)
- Remote control RC08A
  - Low power battery indication
  - I FEEL function
- Wired Remote control
- Centralized control up to 16 units including weekly timer (Optional)

Wired Control

RC08A

OUTDOOR UNITS
YUD 030

OUTDOOR UNITS
YUD 036

OUTDOOR UNITS **YUD 048-060**

DBD DC INVERTER

			DBD 030 DCI	DBD 036 DCI	DBD 048 DCI	DBD 060 DCI
	Indoor units		**AWSI-DBD030-N11**	**AWSI-DBD036-N11**	**AWSI-DBD048-N11**	**AWSI-DBD060-N11**
	Outdoor Units 1~230V - 50 Hz		**AWAU-YUD030-H11**	**AWAU-YUD036-H11**		
	Outdoor Units 3~400V - 50 Hz			**AWAU-YUD036-H13**	**AWAU-YUD048-H13**	**AWAU-YUD060-H13**
Cooling	Capacity	kW	**7.8 (2.7-8.3)**	**9.9 (3.5-11.5)**	**14.0 (4.9-14.1)**	**17.0 (4.0-17.5)**
	Input power	kW	2.60	3.30	4.37	5.30
	EER/Energy Label		3.00/B	3.00/B	3.20/A	3.21/A
	Outdoor temperature operating limits	°C	18°/48° Dry Bulb	18°/48° Dry Bulb	18°/48° Dry Bulb	18°/48° Dry Bulb
Heating	Capacity	kW	**8.2 (2.0-9.3)**	**11.0 (3.8-12.8)**	**16.5 (5.3-18.3)**	**18.0 (5.0-18.8)**
	Input power	kW	2.40	3.05	4.58	5.00
	COP/Energy Label		3.42/B	3.61/A	3.60/A	3.60/A
	Outdoor temperature operating limits	°C	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	42/44/47	46/50/53	49/53/56	51/54/57
	Sound power level (LS/MS/HS)	dB(A)	52/54/57	56/60/63	59/63/66	61/64/67
	Airflow (LS/MS/HS)	m^3/h	1250/1400/1500	1850/2110/2300	1800/2200/2600	2200/2800/3150
	Dehumidification	l/h	2.5	3.5	4.5	5
	Dimensions (WxDxH)	mm	1270x268x530	1226x290x775	1226x330x788	1463x385x799
	Weight	kg	40	57	66	66
	Part number		**7SP032123**	**7SP032124**	**7SP032125**	**7SP032126**
Outdoor unit	Sound pressure level to 1 m	dB(A)	59	61	65	65
	Sound power level	dB(A)	69	70	75	75
	Airflow	m^3/h	4200	6000	7200	7200
	Compressor type		Twin Rotary DC Inverter	Twin Rotary DC Inverter	Scroll DC Inverter	Scroll DC Inverter
	Dimensions (WxDxH)	mm	980x427x790	1107x440x1100	1085x427x1365	1085x427x1365
	Weight	kg	68	86 (95)	122	138
Power supply 1~230V - 50 Hz	Part number		**7SP061788**	**7SP061789**		
Power supply 3~400V - 50 Hz	Part number			**7SP061790**	**7SP061791**	**7SP061792**
Power supply 1~230V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm^2	3x1.5 - 3x4.0	3x1.5 - 3x4.0		
	Fuse rating am	A	10 - 25	10 - 32		
	Electrical connections	mm^2	2x0.75	2x0.75		
Power supply 3~400V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm^2		3x1.5 - 5x2.5	3x1.5 - 5x4.0	3x1.5 - 5x4.0
	Fuse rating am	A		10 - 16	10 - 25	10 - 25
	Electrical connections	mm^2		2x0.75	2x0.75	2x0.75
Pipe line	Suction pipe diameter	inches	5/8"	5/8"	5/8"	3/4"
	Liquid pipe diameter	inches	3/8"	3/8"	3/8"	3/8"
	Max lenght	m	30	30	50	50
	Max height	m	15	15	30	30

Data in ( ) are for 3 phases models.

DUO/TRIO/ QUATTRO
DC INVERTER
MULTISPLITS

3 Heat Pump models
From 6.2 kW to 9.8 kW

PRODUCT ADVANTAGES

- Outdoor units compatible with PNX A, SX, CK, DLF, DLS indoor units.
- DC Inverter Twin Rotary compressor (depending on models).
- Compact outdoor units.
- Variable cooling and heating capacity from 30% to 115% (of rated capacity).
- Sinusoïdal Current drive control in both outdoor fan motor and compressor : Enable improve sound level - Reduce vibration - Improve the efficiency
- High Power Factor PFC Control by Partial Switching Technology to minimize power loss,
- Networking connectivity.
- Pre-charged system.
- Liquid sensors - realizing proper capacity balance of indoor units in heating mode and improve the capacity control.
- Silent running.

OUTDOOR UNIT
YAZ2 18

OUTDOOR UNIT
YAZ3 24 - YAZ4 30

DCI Wall mounted

PNX A

			PNX A 07 DCI	PNX A 09 DCI	PNX A 12 DCI	PNX A 18 DCI
Cooling Capacity	kW		1.8	2.5	3.5	5.0
Heating Capacity	kW		2.1	3	4	5.6
Acoustic pressure to 1m[1]	dB(A)		26/33/37	26/34/39	26/34/40	34/39/43
Dimensions (WxDxH)	mm		810x210x285	810x210x285	810x210x285	1060x221x295
Part number			**7SP022860**	**7SP022874**	**7SP022875**	**7SP022876**

DCI Floor/Ceiling splits

SX

				SX 9 DCI	SX 12 DCI	SX 18 DCI
Cooling Capacity	kW			2.5	3.5	5.0
Heating Capacity	kW			3.2	4.2	5.6
Acoustic pressure to 1m[1]	dB(A)			29/37/42	30/41/45	40/48/51
Dimensions (WxDxH)	mm			820x190x630	820x190x630	1200x190x630
Part number				**7SP012113**	**7SP012114**	**7SP012115**

DCI Cassettes

CK

				CK 9 DCI	CK 12 DCI	CK 18 DCI
Cooling Capacity	kW			2.5	3.5	5.0
Heating Capacity	kW			3.2	4.2	5.6
Acoustic pressure to 1m[1]	dB(A)			28/30/32	28/31/34	34/37/42
Dimensions (WxDxH)	mm			575x575x219	575x575x219	575x575x270
Part number				**7SP022750**	**7SP022751**	**7SP022752**
Part number Frame 600 x 600 grid ceiling				**7ACVF0478**	**7ACVF0478**	**7ACVF0478**
Part number Frame 600 x 600 solid ceiling				**7ACVF0479**	**7ACVF0479**	**7ACVF0479**

DCI Ducted

DLF

				DLF 9 DCI	DLF 12 DCI	DLF 18 DCI
Cooling Capacity	kW			2.5	3.5	5.0
Heating Capacity	kW			3.4	4.3	5.6
Acoustic pressure to 1m[1]	dB(A)			23/26/29	24/27/31	29/32/35
Dimensions (WxDxH)	mm			750x630x200	750x630x200	750x630x200
Part number				**7SP022746**	**7SP022747**	**7SP022748**

[1]Data are relative to Low speed, Medium speed and High speed

DUO / TRIO / QUATTRO

			DUO-YAZ2 18 DCI	TRIO-YAZ3 18 DCI	TRIO-YAZ3 24 DCI	QUATTRO-YAZ4 30 DCI
Cooling	**Capacity**	kW	**5 (1.2-6.4)**	**5.20 (1.0-6.5)**	**7.35 (1.3-9.0)**	**8 (1.4-9.2)**
	Power input	kW	1.47	1.46	2.24	2.38
	EER/Energy Label		3.4/A	3.56/A	3.28/A	3.36/A
	Operating limits	°C	-10°/ 46° Dry bulb	-10°/46° Dry Bulb	-10/46°C Dry Bulb	-10°/46° Dry Bulb
Heating	**Capacity**	kW	**6.0 (1.0-6.8)**	**6.6 (1.0-8.15)**	**9.2 (0.95-11.0)**	**9.8 (0.95-11)**
	Capacity at -15°C	kW	3.7	4.07	5.4	5.7
	Power input	kW	1.66	1.71	2.31	2.36
	COP/Energy Label		3.61/A	3.85/A	3.98/A	4.15/A
	Operating limits	°C	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb	-15°/24° Dry Bulb
Outdoor unit	Sound pressure level 1 mt	dB(A)	53	56	57	57
	Sound power level	dB(A)	63	67	69	69
	Airflow	m^3/h	2160	2860	3600	3600
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (WxDxH)	mm	795x290x610	846x302x690	950x413x864	950x413x864
	Weight	kg	39	48	69	70
Power supply 1-230V - 50 Hz	**Part number**		**7SP091150**	**7SP061153**	**7SP091149**	**7SP091151**
Power supply 1-230V - 50Hz	Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
	Power cable section	mm^2	3x2.5	3x2.5	3x2.5	3x2.5
	Fuse rating	A	20	20	25	25
	Electrical connections	mm^2	2x(4x1.5)	3x (4x1.5)	3x(4x1.5)	4x(4x1.5)
Pipe line	Suction pipe diameter	inches	2x3/8"	3x3/8"	2x3/8" + 1x1/2"	3x3/8" + 1x1/2"
	Liquid pipe diameter	inches	2x1/4"	3x1/4"	3x1/4"	4x1/4"
	Max lenght	m	30	30	50	70
	Max lenght per circuit	m	25	25	25	25
	Max height between indoor and outdoor units	m	10	15	15	15
	Max height between indoor units	m	5	5	15	15

ACCESSORIES		DUO- YAZ2 18 DCI	TRIO- YAZ3 24 DCI	QUATTRO- YAZ4 30 DCI
Mounting bracket	7ACTL0016	*	-	-

* Available
- Not available

YAZ2 18
DC INVERTER

Based on wall mounted combination

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)							Power input (kW)			EER/ Energy label	Capacity (kW)							Power input (kW)			COP/ Energy label
	A	B	C	D	Total	Min	Max	Nom.	Min	Max		A	B	C	D	Total	Min	Max	Nom.	Min	Max	
7	2200				2200	1200	2500	600	420	900	3.67/A	2600				2600	1000	3000	720	375	800	3.61/A
9	2500				2500	1200	3600	700	420	1000	3.57/A	3000				3000	1000	4000	830	375	1500	3.61/A
12	3500				3500	1200	4300	1000	420	1200	3.50/A	4000				4000	1000	4500	1100	375	1700	3.64/A
7+7	2200	2200			4400	1700	5000	1200	500	1800	3.67/A	2200	2200			4400	1700	5000	1200	500	1800	3.67/A
7+9	2060	2640			4700	1700	5800	1300	500	2000	3.62/A	2060	2640			4700	1700	5800	1300	500	1800	3.62/A
7+12	1840	3160			5000	1800	6000	1470	550	2100	3.40/A	2210	3790			6000	1800	6000	1660	550	1800	3.61/A
9+9	2500	2500			5000	1800	6000	1470	550	2100	3.40/A	3000	3000			6000	2000	6500	1660	580	1800	3.61/A
9+12	2140	2860			5000	1800	6300	1470	550	2130	3.40/A	2570	3430			6000	2000	6650	1660	580	1890	3.61/A
12+12	2500	2500			5000	1800	6400	1470	550	2130	3.40/A	3000	3000			6000	2000	6800	1660	580	1890	3.61/A

YAZ3 18
DC INVERTER

Based on wall mounted combination

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)							Power input (kW)			EER/ Energy label	Capacity (kW)							Power input (kW)			COP/ Energy label
	A	B	C	D	Total	Min	Max	Nom.	Min	Max		A	B	C	D	Total	Min	Max	Nom.	Min	Max	
7	2200				2200	1000	2600	645	450	750	3.41/A	2600				2600	1000	3000	710	450	800	3.66/A
9	2500				2500	1100	3500	740	510	1040	3.38/A	3000				3000	1000	3500	800	450	920	3.75/A
12	3500				3500	1200	4200	1020	510	1250	3.43/A	4200				4200	1000	4500	1080	510	1160	3.89/A
7+7	2200	2200			4400	1400	5200	1170	520	1500	3.76/A	2600	2600			5200	1600	6000	1400	460	1560	3.71/A
7+9	2060	2640			4700	1450	6100	1220	530	1530	3.85/A	2450	3150			5600	1600	6500	1600	460	1750	3.50/A
7+12	1920	3280			5200	1720	6200	1460	610	1910	3.56/A	2430	4170			6600	2000	7500	1710	510	1900	3.86/A
9+9	2500	2500			5000	1710	6200	1400	610	1910	3.57/A	3000	3000			6000	1800	7000	1600	480	1750	3.75/A
9+12	2230	2970			5200	1710	6280	1460	600	1930	3.56/A	2830	3770			6600	2000	7800	1710	510	1900	3.86/A
12+12	2600	2600			5200	1800	6400	1460	635	2100	3.56/A	3300	3300			6600	2100	7800	1710	515	1900	3.86/A
7+7+7	1730	1730	1730		5200	1860	6400	1460	635	2100	3.56/A	2200	2200	2200		6600	2100	7800	1710	525	1900	3.86/A
7+7+9	1580	1580	2030		5200	1870	6400	1460	635	2100	3.56/A	2010	2010	2580		6600	2100	7800	1710	525	1900	3.86/A
7+7+12	1400	1400	2400		5200	1870	6450	1460	635	2100	3.56/A	1780	1780	3050		6600	2120	8000	1710	530	1900	3.86/A
7+9+9	1460	1870	1870		5200	1870	6450	1460	635	2100	3.56/A	1850	2380	2380		6600	2120	8000	1710	635	1900	3.86/A
7+9+12	1300	1670	2230		5200	1880	6450	1460	640	2100	3.56/A	1650	2120	2830		6600	2130	8000	1710	640	1900	3.86/A
9+9+9	1730	1730	1730		5200	1860	6450	1460	640	2100	3.56/A	2200	2200	2200		6600	2120	8000	1710	640	1900	3.86/A
9+9+12	1560	1560	2080		5200	1880	6500	1460	640	2150	3.56/A	1980	1980	2640		6600	2200	8150	1710	640	1900	3.86/A

YAZ3 24
DC INVERTER

Based on wall mounted combination

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)							Power input (kW)			EER/ Energy label	Capacity (kW)							Power input (kW)			COP/ Energy label
	A	B	C	D	Total	Min	Max	Nom.	Min	Max		A	B	C	D	Total	Min	Max	Nom.	Min	Max	
9	-	-		2.50	2.50	1.30	3.70	685	500	1 025	3.65/A	-	-		3.40	3.40	0.95	4.00	685	500	897	4.96/A
12	-	-		3.50	3.50	1.30	4.40	968	500	1 223	3.62/A	-	-		4.30	4.30	0.95	5.20	1 003	485	1 320	4.29/A
18	-	-		5.00	5.00	1.49	5.93	1 393	566	1 656	3.59/A	-	-		6.20	6.20	1.11	7.50	1 673	549	2 131	3.71/A
9+9	-	2.60		2.60	5.19	1.86	6.56	1 532	683	1 856	3.39/A	-	3.68		3.68	7.36	1.43	9.10	1 933	649	2 636	3.81/A
9+12	-	2.62		3.49	6.11	1.86	7.73	1 823	683	2 541	3.35/A	-	3.33		4.44	7.77	1.43	9.50	2 062	649	2 711	3.77/A
9+18	-	2.49		4.98	7.47	1.86	9.00	2 251	659	3 046	3.32/A	-	3.07		6.13	9.20	1.43	10.10	2 514	622	2 737	3.66/A
12+12	-	3.53		3.53	7.06	1.86	9.00	2 120	683	2 246	3.33/A	-	4.09		4.09	8.18	1.43	9.80	2 191	649	2 711	3.73/A
12+18	-	2.99		4.48	7.47	1.86	9.00	2 251	659	3 055	3.32/A	-	3.68		5.52	9.20	1.43	10.50	2 514	622	2 871	3.66/A
9+9+9	2.45	2.45		2.45	7.35	2.69	8.98	2 240	949	3 049	3.28/A	3.07	3.07		3.07	9.20	2.06	10.99	2 310	804	3 013	3.98/A
9+9+12	2.25	2.25		2.99	7.48	2.69	9.00	2 281	949	3 157	3.28/A	2.76	2.76		3.68	9.20	2.06	11.00	2 310	804	2 966	3.98/A
9+9+18	1.87	1.87		3.74	7.47	2.69	9.00	2 278	962	3 097	3.28/A	2.30	2.30		4.60	9.20	2.06	11.00	2 310	773	2 826	3.98/A
9+12+12	2.04	2.71		2.71	7.46	2.69	9.00	2 275	949	3 097	3.28/A	2.51	3.34		3.34	9.19	2.06	11.00	2 307	804	2 938	3.98/A
9+12+18	1.72	2.30		3.45	7.46	2.69	9.00	2 275	962	3 061	3.28/A	2.12	2.82		4.24	9.18	2.14	11.00	2 305	773	2 752	3.98/A
12+12+12	2.49	2.49		2.49	7.47	2.69	9.00	2 278	990	3 085	3.28/A	3.07	3.07		3.07	9.20	2.06	11.00	2 310	804	2 845	3.98/A
12+12+18	2.13	2.13		3.19	7.45	2.69	9.00	2 272	962	3 086	3.28/A	2.63	2.63		3.94	9.19	2.14	11.00	2 307	773	2 696	3.98/A

YAZ4 30
DC INVERTER

Based on wall mounted combination

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)							Power input (kW)			EER/ Energy label	Capacity (kW)							Power input (kW)			COP/ Energy label
	A	B	C	D	Total	Min	Max	Nom.	Min	Max		A	B	C	D	Total	Min	Max	Nom.	Min	Max	
9	-	-	-	2.50	2.50	1.40	3.70	685	500	1 025	3.65/A	-	-	-	3.40	3.40	0.95	4.00	685	400	859	4.96/A
12	-	-	-	3.50	3.50	1.40	4.40	968	500	1 223	3.62/A	-	-	-	4.30	4.30	0.95	5.20	946	388	1 207	4.54/A
18	-	-	-	5.00	5.00	1.60	5.60	1 393	570	1 563	3.59/A	-	-	-	6.20	6.20	1.11	7.50	1 497	455	1 875	4.14/A
9+9	-	-	2.54	2.54	5.08	2.00	6.20	1 453	689	1 742	3.49/A	-	-	3.75	3.75	7.51	1.43	8.63	1 768	539	2 172	4.25/A
9+12	-	-	2.56	3.42	5.98	2.00	7.30	1 722	689	2 385	3.47/A	-	-	3.40	4.53	7.92	1.43	9.01	1 902	539	2 235	4.17/A
9+18	-	-	2.54	5.08	7.61	2.00	8.50	2 210	665	2 858	3.45/A	-	-	3.13	6.26	9.38	1.43	9.58	2 337	516	2 255	4.02/A
12+12	-	-	3.45	3.45	6.90	2.10	8.80	1 998	689	2 921	3.46/A	-	-	4.17	4.17	8.34	1.43	9.29	1 988	539	2 235	4.20/A
12+18	-	-	3.15	4.72	7.87	2.10	8.80	2 285	665	2 876	3.44/A	-	-	3.92	5.88	9.80	1.43	9.96	2 396	516	2 366	4.09/A
9+9+9	-	2.40	2.40	2.40	7.19	2.90	9.00	2 112	915	2 938	3.40/A	-	3.13	3.13	3.13	9.38	2.06	11.00	2 226	671	2 621	4.22/A
9+9+12	-	2.36	2.36	3.15	7.87	2.90	9.00	2 445	915	2 899	3.22/A	-	2.94	2.94	3.92	9.80	2.06	11.00	2 308	671	2 891	4.25/A
9+9+18	-	2.00	2.00	4.01	8.01	2.90	9.00	2 466	928	2 851	3.25/A	-	2.45	2.45	4.90	9.80	2.06	11.00	2 144	646	2 883	4.57/A
9+12+12	-	2.17	2.90	2.90	7.97	2.90	9.00	2 445	915	2 851	3.26/A	-	2.67	3.56	3.56	9.78	2.06	11.00	2 246	671	2 874	4.35/A
9+12+18	-	1.87	2.50	3.74	8.11	2.90	9.00	2 476	928	2 821	3.28/A	-	2.26	3.01	4.51	9.78	2.14	11.00	2 082	646	2 731	4.70/A
12+12+12	-	2.69	2.69	2.69	8.07	2.90	9.00	2 372	955	2 841	3.40/A	-	3.26	3.26	3.26	9.79	2.06	11.00	2 226	671	2 857	4.40/A
12+12+18	-	2.31	2.31	3.47	8.10	2.90	9.00	2 372	928	2 802	3.42/A	-	2.79	2.79	4.19	9.78	2.14	11.00	2 062	646	2 671	4.74/A
9+9+9+9	2.00	2.00	2.00	2.00	8.00	3.70	9.17	2 380	981	2 937	3.36/A	2.45	2.45	2.45	2.45	9.80	2.69	10.97	2 360	561	2 935	4.15/A
9+9+9+12	1.87	1.87	1.87	2.49	8.10	3.70	9.20	2 413	981	2 915	3.36/A	2.25	2.25	2.25	3.01	9.77	2.69	11.00	2 336	561	2 900	4.18/A
9+9+9+18	1.62	1.62	1.62	3.25	8.12	3.70	9.20	2 337	957	2 882	3.48/A	1.96	1.96	1.96	3.92	9.80	2.77	11.00	2 274	551	2 779	4.31/A
9+9+12+12	1.74	1.74	2.32	2.32	8.11	3.70	9.20	2 402	981	2 882	3.38/A	2.10	2.10	2.80	2.80	9.79	2.69	11.00	2 287	561	2 857	4.28/A
9+9+12+18	1.52	1.52	2.03	3.05	8.12	3.70	9.20	2 304	957	2 849	3.53/A	1.84	1.84	2.45	3.67	9.79	2.77	11.00	2 177	551	2 762	4.50/A
9+12+12+12	1.62	2.16	2.16	2.16	8.11	3.70	9.20	2 391	981	2 871	3.39/A	1.96	2.61	2.61	2.61	9.78	2.69	11.00	2 250	561	2 822	4.35/A
9+12+12+18	1.43	1.91	1.91	2.87	8.12	3.70	9.20	2 304	957	2 890	3.53/A	1.73	2.30	2.30	3.45	9.78	2.77	11.00	2 177	551	2 903	4.49/A
12+12+12+12	2.03	2.03	2.03	2.03	8.12	3.70	9.20	2 380	981	2 838	3.41/A	2.45	2.45	2.45	2.45	9.80	2.69	11.00	2 360	551	2 796	4.15/A

YAZ5/CINCO
DC INVERTER
MULTISPLIT

1 Heat Pump model of 11 kW

PRODUCT ADVANTAGES

- Variable cooling and heating capacity from 30% to 115% (of rated capacity).
- DC-BL (DC Brush-Less) Compressor and outdoor Fan motors.
- Pre-charged system up to 30m.
- Tubing up to 80m total length, up to 25m each unit.
- Internal crank case heater combined with compressor motor windings.
- Ready for base heater and additional crank case heater installation including software support.
- Easy installation of outdoor unit tubing and electrical.
- Monitoring software (PC port for high level service).
- Operating range Cooling: From -10° to 46°C outdoors.
- Operating range Heating: From -15° to 24°C outdoors.

OUTDOOR UNIT **YAZ5 36**

			YAZ5 36
Cooling	**Capacity**	kW	**10.0 (2.0-11.0)**
	Power input	kW	2.94
	EER/Energy Label		3.4/A
	Operating limits	°C	-10°/46° Dry Bulb
Heating	**Capacity**	kW	**10.0 (2.98-12.0)**
	Power input	kW	2,75
	COP/Energy Label		3,32/A
	Operating limits	°C	-15°/24° Dry Bulb
Outdoor unit	Sound pressure level 1 mt	dB(A)	58/59
	Sound power level	dB(A)	68/70
	Airflow	m^3/h	4150
	Compressor type		Twin Rotary DC Inverter
	Dimensions (WxDxH)	mm	970x340x900
	Weight	kg	80
Power supply 1-230V - 50 Hz	**Part number**		**7SP091152**
Power supply 1-230V - 50Hz	Power supply side		Outdoor
	Power cable section	mm^2	3x4
	Fuse rating	A	25
	Electrical connections	mm^2	5x(4x1.5)
Pipe line	Suction pipe diameter	inches	3x3/8" + 2x1/2"
	Liquid pipe diameter	inches	5x1/4"
	Max lenght	m	80
	Max lenght per circuit	m	25
	Max height between indoor and outdoor units	m	15
	Max height between indoor units	m	15

YAZ5 36

Wall mounted

PNX A

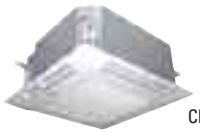
		PNX A 07 DCI	PNX A 09 DCI	PNX A 12 DCI	PNX A 18 DCI
Cooling Capacity	kW	1.8	2.5	3.5	5.0
Heating Capacity	kW	2.1	3	4	5.6
Acoustic pressure to 1m[1]	dB(A)	26/33/37	26/34/39	26/34/40	34/39/43
Dimensions (WxDxH)	mm	810x210x285	810x210x285	810x210x285	1060x210x295
Part number		**7SP022860**	**7SP022874**	**7SP022875**	**7SP022876**

Floor/Ceiling

SX

		SX 9 DCI	SX 12 DCI	SX 18 DCI	SX 24 DCI
Cooling Capacity	kW	2.5	3.5	5.0	6.8
Heating Capacity	kW	3.2	4.2	5.6	7.6
Acoustic pressure to 1m[1]	dB(A)	29/37/42	30/41/45	40/48/51	49/53/56
Dimensions (WxDxH)	mm	820x190x630	820x190x630	1200x190x630	1200x190x630
Part number		**7SP012113**	**7SP012114**	**7SP012115**	**7SP012151**

Cassettes



CK

		CK 9 DCI	CK 12 DCI	CK 18 DCI	CK 24 DCI
Cooling Capacity	kW	2.5	3.5	5.0	6.8
Heating Capacity	kW	3.2	4.2	5.6	7.3
Acoustic pressure to 1m[1]	dB(A)	28/30/32	28/31/34	34/37/42	36/38/40
Dimensions (WxDxH)	mm	575x575x219	575x575x219	575x575x270	575x575x270
Part number Frame grid ceiling		**7SP022750P1**	**7SP022751P1**	**7SP022752P1**	**7SP022754P1**
Part number Frame hard ceiling		**7SP022750P2**	**7SP022751P2**	**7SP022752P2**	**7SP022754P2**

Ducted

DLF

		DLF 9 DCI	DLF 12 DCI	DLF 18 DCI	DLF 24 DCI
Cooling Capacity	kW	2.5	3.5	5.0	7.0
Heating Capacity	kW	3.4	4.3	5.6	7.45
Acoustic pressure to 1m[1]	dB(A)	23/26/29	24/27/31	29/32/35	32/36/39
Dimensions (WxDxH)	mm	860x245x630	860x245x630	860x245x630	10500x200x630
Part number		**7SP022746**	**7SP022747**	**7SP022748**	**7SP022749**

[1]Data are relative to Low speed, Medium speed and High speed

POSSIBLES COMBINATIONS

2 units		3 units			4 units				5 units				
Unit D	Unit E	Unit A/B/C	Unit D	Unit E	Unit A/B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E
18	18	9	9	18	9	9	9	9	9	9	9	9	9
18	24	9	9	24	9	9	9	12	9	9	9	9	12
24	24	9	12	18	9	9	9	18	9	9	9	9	18
		9	12	24	9	9	9	24	9	9	9	12	12
		9	18	18	9	9	12	12					
		9	18	24	9	9	12	18					
		12	12	12	9	9	18	18					
		12	12	18	9	12	12	12					
		12	12	24	9	12	12	18					
		12	18	18	12	12	12	12					

YAZ5 36
DC INVERTER

Based on wall mounted combination

Indoor units combinations	COOLING												HEATING											
	Capacity (kW)								Power input (kW)			EER/ Energy label	Capacity (kW)								Power input (kW)			COP/ Energy label
	A	B	C	D	E	Totale	Min	Max	Nom.	Min	Max		A	B	C	D	E	Totale	Min	Max	Nom.	Min	Max	
7	2.2	-	-	-	-	2.2	1.40	3.0	0.68	0.40	0.92	3.24/A	2.8	-	-	-	-	2.8	0.95	4.0	0.60	0.30	0.80	4.67/A
9	2.5	-	-	-	-	2.5	1.50	3.5	0.76	0.40	1.01	3.29/A	3.4	-	-	-	-	3.4	0.95	5.2	0.69	0.40	0.86	4.96/A
12	3.5	-	-	-	-	3.5	1.50	4.2	1.03	0.40	1.29	3.40/A	4.3	-	-	-	-	4.3	1.11	7.5	0.95	0.39	1.21	4.54/A
18	-	-	-	-	5.0	5.0	2.20	6.0	1.44	0.42	1.63	3.47/A	-	-	-	-	6.2	6.2	1.50	8.0	1.50	0.46	1.87	4.14/A
24	-	-	-	-	7.0	7.0	2.50	8.0	2.58	0.41	2.71	2.71/D	-	-	-	-	8.0	8.0	2.00	9.2	2.42	0.41	2.71	3.31/C
7+7	2.3	2.3	-	-	-	4.5	2.0	6.0	1.13	0.60	1.60	3.98/A	2.6	2.6	-	-	-	5.3	2.0	7.0	1.13	0.60	1.60	4.66/A
7+9	2.1	2.7	-	-	-	4.8	2.1	6.3	1.27	0.60	1.77	3.78/A	2.5	3.2	-	-	-	5.6	2.1	7.3	1.27	0.60	1.77	4.43/A
7+12	2.1	3.7	-	-	-	5.8	2.1	6.7	1.71	0.60	2.20	3.41/A	2.5	4.3	-	-	-	6.8	2.1	7.7	1.71	0.60	2.20	3.99/A
7+18	2.1	5.3	-	-	-	7.4	2.3	7.6	2.45	0.56	2.71	3.01/B	2.4	6.2	-	-	-	8.6	2.3	8.6	2.45	0.56	2.71	3.52/B
7+24	1.8	6.3	-	-	-	8.1	2.5	8.5	2.81	0.56	3.20	2.88/C	2.1	7.3	-	-	-	9.5	2.5	9.5	2.81	0.56	3.20	3.37/C
9+9	2.6	2.6	-	-	-	5.1	2.1	6.6	1.36	0.58	1.95	3.76/A	3.0	3.0	-	-	-	6.0	2.1	7.6	1.36	0.58	1.95	4.40/A
9+12	2.6	3.5	-	-	-	6.1	2.2	7.0	2.01	0.54	2.54	3.05/B	3.1	4.1	-	-	-	7.2	2.2	8.0	2.01	0.54	2.54	3.58/B
9+18	2.6	5.1	-	-	-	7.7	2.4	7.9	2.58	0.56	3.20	2.97/C	3.0	6.0	-	-	-	9.0	2.4	8.9	2.58	0.56	3.20	3.48/B
9+24	2.2	5.9	-	-	-	8.1	2.6	8.8	2.81	0.56	3.32	2.88/C	2.6	6.9	-	-	-	9.5	2.6	9.8	2.81	0.56	3.32	3.37/C
12+12	3.6	3.6	-	-	-	7.2	2.3	7.5	2.40	0.54	2.55	2.98/C	4.2	4.2	-	-	-	8.4	2.3	8.5	2.40	0.54	2.55	3.49/B
12+18	3.2	4.8	-	-	-	8.0	2.5	8.4	2.76	0.56	3.22	2.89/C	3.7	5.6	-	-	-	9.3	2.5	9.4	2.76	0.56	3.22	3.38/C
12+24	2.7	5.5	-	-	-	8.2	2.6	9.2	2.78	0.56	3.18	2.94/C	3.2	6.4	-	-	-	9.6	2.6	10.2	2.78	0.56	3.18	3.45/B
18+18	4.5	4.5	-	-	-	9.0	2.6	11.0	3.00	0.59	3.16	3.00/C	5.3	5.3	-	-	-	10.5	2.6	11.5	2.94	0.59	3.16	3.58/B
18+24	4.0	5.3	-	-	-	9.3	2.8	11.0	3.17	0.55	3.20	2.92/C	4.6	6.1	-	-	-	10.7	2.8	11.0	3.02	0.55	3.20	3.53/B
24+24	4.8	4.8	-	-	-	9.5	3.0	11.0	3.33	0.55	3.40	2.85/C	5.4	5.4	-	-	-	10.8	3.0	12.0	3.09	0.55	3.40	3.49/B
7+7+7	1.9	1.9	1.9	-	-	5.6	2.50	8.5	1.86	0.69	2.41	3.02/B	2.3	2.3	2.3	-	-	6.9	2.50	8.5	1.86	0.69	2.41	3.69/A
7+7+9	1.8	1.8	2.3	-	-	5.9	2.6	8.6	1.97	0.67	2.51	2.98/C	2.2	2.2	2.8	-	-	7.2	2.6	8.7	1.97	0.67	2.51	3.64/A
7+7+12	1.8	1.8	3.0	-	-	6.5	2.7	8.8	2.31	0.69	2.97	2.83/C	2.2	2.2	3.7	-	-	8.0	2.7	9.1	2.31	0.69	2.97	3.47/B
7+7+18	1.5	1.5	3.8	-	-	6.7	2.9	9.2	2.32	0.70	2.92	2.89/C	1.8	1.8	4.6	-	-	8.2	2.9	9.8	2.32	0.70	2.92	3.54/B
7+7+24	1.3	1.3	4.3	-	-	6.8	3.1	9.6	2.39	0.68	2.88	2.85/C	1.5	1.5	5.3	-	-	8.3	3.1	10.5	2.39	0.68	2.88	3.48/B
7+9+9	1.7	2.2	2.2	-	-	6.1	2.6	8.8	2.10	0.69	2.94	2.91/C	2.1	2.7	2.7	-	-	7.5	2.6	9.0	2.10	0.69	2.94	3.57/B
7+9+12	1.7	2.1	2.8	-	-	6.6	2.7	9.0	2.35	0.69	2.97	2.82/C	2.0	2.6	3.5	-	-	8.1	2.7	9.3	2.35	0.69	2.97	3.45/B
7+9+18	1.4	1.8	3.6	-	-	6.7	2.9	9.4	2.37	0.70	2.92	2.83/C	1.7	2.2	4.3	-	-	8.2	2.9	10.0	2.37	0.70	2.92	3.47/B
7+9+24	1.2	1.5	4.1	-	-	6.8	3.1	9.8	2.39	0.68	2.88	2.85/C	1.5	1.9	5.0	-	-	8.3	3.1	10.7	2.39	0.68	2.88	3.48/B
7+12+12	1.5	2.6	2.6	-	-	6.7	2.8	9.2	2.35	0.69	2.92	2.86/C	1.9	3.2	3.2	-	-	8.2	2.8	9.7	2.35	0.69	2.92	3.50/B
7+12+18	1.3	2.2	3.3	-	-	6.7	3.0	9.6	2.32	0.70	2.89	2.89/C	1.6	2.7	4.0	-	-	8.2	3.0	10.4	2.32	0.70	2.89	3.54/B
7+12+24	1.2	2.0	4.0	-	-	7.2	3.2	10.0	2.51	0.68	3.00	2.88/C	1.4	2.5	4.9	-	-	8.8	3.2	11.1	2.51	0.68	3.00	3.52/B
7+18+18	1.1	3.0	3.0	-	-	7.1	3.2	10.0	2.40	0.68	3.05	2.94/C	1.4	3.6	3.6	-	-	8.6	3.2	11.1	2.40	0.68	3.05	3.60/B
7+18+24	1.1	2.8	3.7	-	-	7.7	3.4	10.4	2.65	0.66	3.05	2.89/C	1.3	3.4	4.6	-	-	9.4	3.4	11.8	2.65	0.66	3.05	3.53/B
9+9+9	2.5	2.5	2.5	-	-	7.5	2.7	8.9	2.25	0.69	3.01	3.18/B	3.3	3.3	3.3	-	-	10.0	2.7	11.0	2.25	0.69	3.01	4.10/A
9+9+12	2.4	2.4	3.1	-	-	7.8	2.8	9.1	2.41	0.69	2.97	3.25/A	3.0	3.0	4.1	-	-	10.1	2.8	11.1	2.42	0.69	2.97	4.18/A
9+9+18	2.1	2.1	4.3	-	-	8.5	3.0	9.5	2.51	0.70	2.92	3.38/A	2.6	2.6	5.2	-	-	10.4	3.0	11.4	2.39	0.70	2.92	4.35/A
9+9+24	2.0	2.0	5.2	-	-	9.2	3.2	9.9	2.71	0.68	3.05	3.38/A	2.2	2.2	5.9	-	-	10.4	3.2	11.6	2.39	0.68	3.05	4.35/A
9+12+12	2.2	3.0	3.0	-	-	8.2	2.9	9.3	2.46	0.69	2.92	3.31/A	2.8	3.7	3.7	-	-	10.3	2.9	11.3	2.41	0.69	2.92	4.27/A
9+12+18	2.0	2.7	4.1	-	-	8.8	3.1	9.7	2.61	0.70	2.89	3.38/A	2.4	3.2	4.8	-	-	10.4	3.1	11.5	2.39	0.70	2.89	4.35/A

Indoor units combinations	COOLING												HEATING										
	Capacity (kW)								Power input (kW)			EER/ Energy label	Capacity (kW)								Power input (kW)			COP/ Energy label
	A	B	C	D	E	Totale	Min	Max	Nom.	Min	Max		A	B	C	D	E	Totale	Min	Max	Nom.	Min	Max	
9+12+24	1.9	2.5	5.1	-	-	9.5	3.3	10.1	2.81	0.68	3.02	3.38/A	2.1	2.8	5.5	-	-	10.4	3.3	11.8	2.39	0.68	3.02	4.35/A
9+18+18	1.9	3.8	3.8	-	-	9.5	3.3	10.1	2.81	0.66	3.02	3.38/A	2.1	4.2	4.2	-	-	10.4	3.3	11.8	2.39	0.66	3.02	4.35/A
9+18+24	1.7	3.4	4.5	-	-	9.5	3.5	10.5	2.81	0.66	3.05	3.38/A	1.8	3.7	4.9	-	-	10.4	3.5	12.0	2.39	0.66	3.05	4.35/A
9+21+24	1.6	3.7	4.2	-	-	9.5	3.6	10.5	2.81	0.66	3.20	3.38/A	1.7	4.0	4.6	-	-	10.4	3.6	12.0	2.39	0.66	3.20	4.35/A
12+12+12	2.8	2.8	2.8	-	-	8.5	3.0	9.5	2.51	0.72	2.91	3.38/A	3.5	3.5	3.5	-	-	10.4	3.0	11.4	2.39	0.72	2.91	4.35/A
12+12+18	2.6	2.6	3.9	-	-	9.2	3.2	9.9	2.71	0.70	3.00	3.38/A	3.0	3.0	4.6	-	-	10.7	3.2	11.6	2.45	0.70	3.00	4.35/A
12+12+24	2.4	2.4	4.8	-	-	9.5	3.4	10.3	2.81	0.68	3.05	3.38/A	2.7	2.7	5.5	-	-	10.9	3.4	11.9	2.51	0.68	3.05	4.35/A
12+18+18	2.4	3.6	3.6	-	-	9.5	3.4	10.3	2.81	0.68	3.02	3.38/A	2.7	4.1	4.1	-	-	10.9	3.4	11.9	2.51	0.68	3.02	4.35/A
7+7+7+7	1.7	1.7	1.7	1.7	-	6.9	3.00	9.0	2.18	0.81	2.67	3.15/B	2.0	2.0	2.0	2.0	-	7.8	3.00	9.0	2.18	0.81	2.67	3.58/B
7+7+7+9	1.6	1.6	1.6	2.1	-	7.0	3.1	9.2	2.19	0.81	2.67	3.17/B	1.8	1.8	1.8	2.4	-	7.9	3.1	9.3	2.17	0.81	2.67	3.64/A
7+7+7+12	1.5	1.5	1.5	2.6	-	7.0	3.3	9.5	2.21	0.81	2.65	3.19/B	1.7	1.7	1.7	2.9	-	8.0	3.3	9.6	2.16	0.81	2.65	3.70/A
7+7+7+18	1.3	1.3	1.3	3.2	-	7.0	3.6	10.1	2.15	0.79	2.62	3.27/A	1.4	1.4	1.4	3.7	-	8.0	3.6	10.4	2.39	0.79	2.62	3.35/C
7+7+7+24	1.2	1.2	1.2	4.1	-	7.7	3.9	10.7	2.36	0.77	2.73	3.24/A	1.4	1.4	1.4	4.6	-	8.7	3.9	11.1	2.38	0.77	2.73	3.66/A
7+7+9+9	1.5	1.5	2.0	2.0	-	7.0	3.2	9.4	2.19	0.81	2.67	3.17/B	1.7	1.7	2.2	2.2	-	7.9	3.2	9.5	2.16	0.81	2.67	3.66/A
7+7+9+12	1.4	1.4	1.8	2.4	-	7.0	3.4	9.7	2.21	0.81	2.65	3.19/B	1.6	1.6	2.1	2.7	-	8.0	3.4	9.9	2.15	0.81	2.65	3.72/A
7+7+9+18	1.2	1.2	1.6	3.2	-	7.2	3.7	10.3	2.20	0.79	2.70	3.28/A	1.4	1.4	1.8	3.6	-	8.2	3.7	10.6	2.38	0.79	2.70	3.45/B
7+7+9+24	1.1	1.1	1.5	3.9	-	7.7	4.0	10.9	2.35	0.77	2.75	3.26/A	1.3	1.3	1.7	4.4	-	8.7	4.0	11.4	2.37	0.77	2.75	3.67/A
7+7+12+12	1.3	1.3	2.2	2.2	-	7.0	3.5	10.0	2.21	0.81	2.62	3.19/B	1.5	1.5	2.5	2.5	-	8.0	3.5	10.3	2.15	0.81	2.62	3.72/A
7+7+12+18	1.2	1.2	2.0	3.1	-	7.5	3.8	10.6	2.30	0.79	2.71	3.25/A	1.4	1.4	2.3	3.5	-	8.5	3.8	11.0	2.37	0.79	2.71	3.59/B
7+7+18+18	1.1	1.1	2.9	2.9	-	7.9	4.1	11.0	2.45	0.77	2.90	3.23/A	1.3	1.3	3.2	3.2	-	9.0	4.1	11.5	2.27	0.77	2.90	3.96/A
7+9+9+9	1.4	1.8	1.8	1.8	-	7.0	3.3	9.6	2.14	0.81	2.67	3.25/A	1.6	2.1	2.1	2.1	-	7.9	3.3	9.8	2.16	0.81	2.67	3.66/A
7+9+9+12	1.3	1.7	1.7	2.3	-	7.0	3.5	9.9	2.21	0.81	2.65	3.19/B	1.5	1.9	1.9	2.6	-	8.0	3.5	10.1	2.15	0.81	2.65	3.72/A
7+9+9+18	1.2	1.5	1.5	3.1	-	7.3	3.8	10.5	2.23	0.79	2.71	3.28/A	1.4	1.7	1.7	3.5	-	8.3	3.8	10.9	2.38	0.79	2.71	3.49/B
7+9+9+24	1.1	1.5	1.5	3.9	-	7.9	4.1	11.0	2.43	0.77	2.89	3.26/A	1.3	1.7	1.7	4.4	-	9.0	4.1	11.5	2.36	0.77	2.89	3.81/A
7+9+12+12	1.3	1.6	2.2	2.2	-	7.2	3.6	10.2	2.20	0.81	2.70	3.28/A	1.4	1.8	2.5	2.5	-	8.2	3.6	10.5	2.52	0.81	2.70	3.25/C
7+9+12+18	1.1	1.5	2.0	2.9	-	7.5	3.9	10.8	2.30	0.81	2.75	3.25/A	1.3	1.7	2.2	3.3	-	8.5	3.9	11.3	2.35	0.81	2.75	3.62/A
7+9+18+18	1.1	1.4	2.7	2.7	-	7.9	4.2	11.0	2.45	0.77	2.89	3.23/A	1.2	1.6	3.1	3.1	-	9.0	4.2	11.5	2.26	0.77	2.89	3.98/A
7+12+12+12	1.2	2.1	2.1	2.1	-	7.5	3.8	10.5	2.30	0.81	2.71	3.25/A	1.4	2.4	2.4	2.4	-	8.5	3.8	10.9	2.55	0.81	2.71	3.33/C
7+12+12+18	1.1	1.9	1.9	2.9	-	7.9	4.1	11.0	2.45	0.79	2.75	3.23/A	1.3	2.2	2.2	3.3	-	9.0	4.1	11.5	2.35	0.79	2.75	3.83/A
9+9+9+9	2.2	2.2	2.2	2.2	-	8.8	3.4	9.8	2.33	0.81	2.67	3.77/A	2.5	2.5	2.5	2.5	-	10.0	3.4	10.0	2.08	0.81	2.67	4.80/A
9+9+9+12	2.1	2.1	2.1	2.8	-	9.1	3.6	10.1	2.22	0.81	2.65	3.83/A	2.4	2.4	2.4	3.2	-	10.3	3.6	10.4	2.15	0.81	2.65	4.00/A
9+9+9+18	1.9	1.9	1.9	3.9	-	9.7	3.9	10.7	2.30	0.79	2.71	3.94/A	2.2	2.2	2.2	4.3	-	10.8	3.9	11.1	2.36	0.79	2.71	4.00/A
9+9+9+24	1.8	1.8	1.8	4.7	-	10.0	4.2	11.0	2.43	0.77	2.89	4.00/A	1.9	1.9	1.9	5.2	-	11.0	4.2	11.5	2.35	0.77	2.89	3.80/A
9+9+12+12	2.0	2.0	2.7	2.7	-	9.4	3.7	10.4	2.23	0.81	2.71	3.89/A	2.3	2.3	3.0	3.0	-	10.5	3.7	10.8	2.55	0.81	2.71	4.00/A
9+9+12+18	1.9	1.9	2.5	3.8	-	10.0	4.0	11.0	2.42	0.79	2.75	4.00/A	2.1	2.1	2.8	4.1	-	11.0	4.0	11.5	2.33	0.79	2.75	4.00/A
9+9+18+18	1.7	1.7	3.3	3.3	-	10.0	4.3	11.0	2.41	0.77	2.89	4.00/A	1.8	1.8	3.7	3.7	-	11.0	4.3	11.5	2.25	0.77	2.89	3.60/B
9+12+12+12	1.9	2.6	2.6	2.6	-	9.7	3.9	10.7	2.30	0.81	2.61	3.94/A	2.2	2.9	2.9	2.9	-	10.8	3.9	11.1	2.52	0.81	2.61	4.00/A
9+12+12+18	1.8	2.4	2.4	3.5	-	10.0	4.2	11.0	2.43	0.79	2.89	4.00/A	1.9	2.6	2.6	3.9	-	11.0	4.2	11.5	2.29	0.79	2.89	3.80/A
12+12+12+12	2.5	2.5	2.5	2.5	-	10.0	4.0	11.0	2.50	0.81	2.92	4.00/A	2.8	2.8	2.8	2.8	-	11.0	4.0	11.5	2.50	0.81	2.92	4.00/A
7+7+7+7+7	1.9	1.9	1.9	1.9	1.9	9.5	4.00	10.2	2.94	0.78	3.50	3.15/B	2.1	2.1	2.1	2.1	2.1	10.5	4.00	11.0	2.94	0.78	3.50	3.80/A

YAZ5 36
DC INVERTER

Based on wall mounted combination

Indoor units combinations	COOLING												CALORIFIQUE											
	Capacity (kW)								Power input (kW)			EER/ Energy label	Capacity (kW)								Power input (kW)			COP/ Energy label
	A	B	C	D	E	Totale	Min	Max	Nom.	Min	Max		A	B	C	D	E	Totale	Min	Max	Nom.	Min	Max	
7+7+7+7+9	1.8	1.8	1.8	1.8	2.3	9.6	4.1	10.4	2.94	0.78	3.50	3.26/A	2.0	2.0	2.0	2.0	2.6	10.8	4.1	11.3	2.94	0.78	3.50	3.94/A
7+7+7+7+12	1.7	1.7	1.7	1.7	2.9	9.8	4.2	10.6	2.94	0.78	3.50	3.43/A	2.0	2.0	2.0	2.0	3.4	11.3	4.2	11.8	2.94	0.78	3.50	4.15/A
7+7+7+7+18	1.5	1.5	1.5	1.5	3.9	10.0	4.3	11.0	2.92	0.79	3.49	3.70/A	1.8	1.8	1.8	1.8	4.7	12.0	4.3	12.5	2.92	0.79	3.49	4.50/A
7+7+7+9+9	1.7	1.7	1.7	2.2	2.2	9.7	4.1	10.5	2.94	0.78	3.50	3.37/A	2.0	2.0	2.0	2.6	2.6	11.1	4.1	11.6	2.94	0.78	3.50	4.08/A
7+7+7+9+12	1.6	1.6	1.6	2.1	2.8	9.9	4.2	10.8	2.94	0.78	3.50	3.54/A	1.9	1.9	1.9	2.5	3.3	11.6	4.2	12.1	2.94	0.78	3.50	4.29/A
7+7+7+9+18	1.5	1.5	1.5	1.9	3.8	10.0	4.4	11.0	2.92	0.79	3.49	3.70/A	1.8	1.8	1.8	2.3	4.5	12.0	4.4	12.5	2.92	0.79	3.49	4.50/A
7+7+7+12+12	1.6	1.6	1.6	2.1	2.8	9.9	4.2	10.8	2.94	0.78	3.50	3.54/A	1.9	1.9	1.9	2.5	3.3	11.6	4.2	12.1	2.94	0.78	3.50	4.29/A
7+7+9+9+9	1.7	1.7	2.2	2.2	2.2	9.8	4.2	10.7	2.94	0.78	3.50	3.48/A	1.9	1.9	2.5	2.5	2.5	11.4	4.2	11.9	2.94	0.78	3.50	4.22/A
7+7+9+9+12	1.6	1.6	2.0	2.0	2.7	10.0	4.3	10.9	2.94	0.78	3.50	3.65/A	1.9	1.9	2.4	2.4	3.2	11.9	4.3	12.4	2.94	0.78	3.50	4.43/A
7+7+9+9+18	1.4	1.4	1.8	1.8	3.6	10.0	4.5	11.0	2.92	0.79	3.49	3.70/A	1.7	1.7	2.2	2.2	4.3	12.0	4.5	12.5	2.92	0.79	3.49	4.50/A
7+7+9+12+12	1.5	1.5	1.9	2.6	2.6	10.0	4.4	11.0	2.94	0.78	3.50	3.70/A	1.8	1.8	2.3	3.1	3.1	12.0	4.4	12.5	2.94	0.78	3.50	4.50/A
7+9+9+9+9	1.6	2.1	2.1	2.1	2.1	9.9	4.3	10.8	2.94	0.78	3.50	3.59/A	1.9	2.4	2.4	2.4	2.4	11.7	4.3	12.2	2.94	0.78	3.50	4.36/A
7+9+9+9+12	1.5	2.0	2.0	2.0	2.6	10.0	4.3	11.0	2.94	0.78	3.50	3.70/A	1.8	2.3	2.3	2.3	3.1	12.0	4.3	12.5	2.94	0.78	3.50	4.50/A
7+9+9+9+18	1.3	1.7	1.7	1.7	3.5	10.0	4.5	11.0	2.92	0.79	3.49	3.70/A	1.6	2.1	2.1	2.1	4.2	12.0	4.5	12.5	2.92	0.79	3.49	4.50/A
7+9+9+12+12	1.3	1.7	1.7	1.7	3.5	10.0	4.5	11.0	2.94	0.78	3.50	3.70/A	1.6	2.1	2.1	2.1	4.2	12.0	4.5	12.5	2.94	0.78	3.50	4.50/A
9+9+9+9+9	2.0	2.0	2.0	2.0	2.0	10.0	4.3	11.0	2.94	0.78	3.50	3.70/A	2.4	2.4	2.4	2.4	2.4	12.0	4.3	12.5	2.94	0.78	3.50	4.50/A
9+9+9+9+12	1.9	1.9	1.9	1.9	2.6	10.3	4.4	11.0	2.94	0.78	3.50	3.60/A	2.3	2.3	2.3	2.3	3.0	12.0	4.4	12.5	2.94	0.78	3.50	4.30/A
9+9+9+9+18	1.8	1.8	1.8	1.8	3.5	10.5	4.6	11.0	2.92	0.79	3.49	3.40/A	2.0	2.0	2.0	2.0	4.0	12.0	4.6	12.5	2.92	0.79	3.49	4.20/A
9+9+9+12+12	1.9	1.9	1.9	2.5	2.5	10.5	4.50	11.0	2.94	0.78	3.50	3.50/A	2.1	2.1	2.1	2.8	2.8	12.0	4.50	12.5	2.94	0.78	3.50	4.30/A

NOTES

MVi Range

HIGH TECHNOLOGY

HIGH EFFICIENCY

ENERGY SAVING

EASY INSTALLATION

MVi OUTDOOR UNITS
R410A
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MVi INDOOR UNITS
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DRV

2 Heat Pump models
from 12.5 to 16 kW

DRV-OUTDOOR UNIT
YAV 112-140H

PRODUCT ADVANTAGES

- 2 sizes with nom. capacity of 11,2 and 14 kW.
- Top class COP up to 4,31.
- DC Inverter compressor.
- DC fan motor.
- R410A refrigerant.
- Single phase power supply outdoor unit.
- Minimum footprint.
- Dry contacts (In- & Out-put).
- Advanced pressure control technology to ensure optimum running.
- Precise refrigerant flow control using a 480 step Electronic Expansion.
- Silence mode reduces outdoor noise level by 3dB(A) during night.
- Precharged outdoor unit with additional charge can support maximum 200m tube length.
- Operation mode setting via outdoor unit display.
- Partial power shedding via dry contact.
- Self-diagnosing function.
- Easy installation.
- 3 Tubing connect directions: Front, side and rear.
- Outdoor ambient operation limit -15°C in heating.
- Outdoor ambient operation limit -10°C in cooling.

RC7-V

Receiver IRD

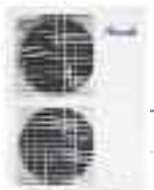
LWCS

LWC

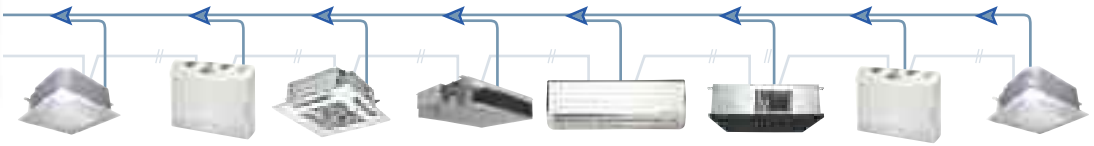
DRV OUTDOOR UNITS

			YAV112H	YAV140H
Cooling	**Capacity**	kW	**11.2**	**14.0**
	Power input	kW	2.8	4.0
	EER/Energy label		4/A	3.5/A
	Operating limits	°C	-10/46°C Dry Bulb	-10/46°C Dry Bulb
Heating	**Capacity**	kW	**12.5**	**16.0**
	Power input	kW	2.97	3.9
	COP/Energy label		4.21/A	4.1/A
	Operating limits	°C	-15/24°C Dry Bulb	-15/24°C Dry Bulb
Outdoor unit	Sound pressure (Normal mode)	dB(A)	54	55
	Sound pressure (Silence mode)	dB(A)	49	50
	Airflow	m^3/h	6000	6000
	Compressor type		Twin rotary DC Inverter	Twin rotary DC Inverter
	Refrigerant charge	kg	4.5	5
	Number of connectable indoor units		6	8
	Dimensions (HxWxD)	mm	1277x950x340	1277x950x340
	Net Weight	kg	120	125
	Part number		**7SP061714**	**7SP061715**
Power supply 1-230V - 50Hz	Running Ampere cooling mode	A	13.9	19.4
	Running Ampere heating mode	A	16.2	20.3
Pipe line	Suction pipe diameter	inches	5/8"	5/8"
	Liquid pipe diameter	inches	3/8"	3/8"

MAX. NUMBER OF CONNECTABLE INDOOR UNITS



YAV140



CKV SXV KXV DLV PNV DSV SXV CKV

ACCESSORIES	Indoor unit	**SXV**	**DLV**	**DSV**	**PNV**	**KXV**	**CKV**
LWC (Optional)	Part number	7ACEL1502	7ACEL1502	7ACEL1502	7ACEL1502	7ACEL1502	7ACEL1502
LWCS (Optional)	Part number	7ACEL1503	7ACEL1503	7ACEL1503	7ACEL1503	7ACEL1503	7ACEL1503
RC7-V (Optional)	Part number	7ACEL1507	7ACEL1507	7ACEL1507	7ACEL1507	7ACEL1507	7ACEL1507
IRD (Optional)	Part number	7ACEL1504	7ACEL1504	7ACEL1504	7ACEL1504	7ACEL1504	7ACEL1504
TJT kit	Part number	7ACVF0480	7ACVF0480	7ACVF0480	7ACVF0480	7ACVF0480	7ACVF0480

Note: IRD is an infrared received, use to Ducted unit in case a customer wants to use wireless remote controller operate the units.
One Ducted unit can connected to one IRD. The maximum wire length is limited up to 8 m.

DRV
INDOOR UNITS RANGE

PRODUCT ADVANTAGES

- Product range from 2.2 kW to 11.0 kW cooling/heating capacity.
- 34 different indoor units out of 6 product types.
- Full variety of indoor families provides max application flexibility.
- Up to 8 indoor units to one MVi system.
- Each unit has cooling and heating capability.
- Flexible combination of different indoor units.
- Individual control of each unit type with all control types.
- Different filter and ionizer for increased personal comfort
- Focus on installation-friendly units.
- Self-Diagnostic function.
- Automatic restart after power failure.
- All units following latest state of the art design.
- All units are noise-optimised and run very silent.
- "I feel" function optimizes personal comfort.
- Easy and quick access to all maintenance components.
- Night operation mode decrease further noise level.
- Three fan levels and auto louver function for quick room comfort.
- Fresh air inlet (in selected units)

INDOOR UNIT **KXV 021-024-030-036**

INDOOR UNIT **CKV 007-009-012-015-018**

INDOOR UNIT **DSV 018-021-024-030-036**

INDOOR UNIT **PNV 007-009-012-015-018-021**

INDOOR UNIT **SXV 007-009-012-015-018-021-024**

INDOOR UNIT **DLV 007-009-012-015-018-021-024**

DRV INDOOR UNITS

Cassettes Indoor Units

		KXV021	KXV024	KXV030	KXV036
Cooling capacity	kW	6.3	7.1	9.0	11.0
Heating capacity	kW	7.0	8.0	10.0	12.5
Sound pressure level to 1 m	dB(A)	41/43/46	42/44/46	45/47/49	47/50/53
Dimensions (WxDxH)	mm	840x230x840	840x230x840	840x300x840	840x300x840
Part number panel		**7ACVF0529**	**7ACVF0529**	**7ACVF0529**	**7ACVF0529**
Part number		**7SP042204**	**7SP042205**	**7SP042206**	**7SP042207**

Cassettes Indoor Units

		CKV 007	CKV 009	CKV 012	CKV 015	CKV 018
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3
Sound pressure level to 1 m	dB(A)	31/32/33	32/33/34	34/35/36	35/37/38	38/41/42
Dimensions (WxDxH)	mm	578x219x578	578x219x578	578x219x578	578x270x578	578x270x578
Panel susp. ceiling (625x625)	mm	7ACVF0484	7ACVF0484	7ACVF0484	7ACVF0484	7ACVF0484
Panel hard ceiling (725x725)	mm	7ACVF0483	7ACVF0483	7ACVF0483	7ACVF0483	7ACVF0483
Part number		**7SP042182**	**7SP042183**	**7SP042184**	**7SP042185**	**7SP042186**

Ducted Indoor Units

		DSV 018	DSV 021	DSV 024	DSV 030	DSV 036
Cooling capacity	kW	5.6	6.3	7.1	9.0	11.2
Heating capacity	kW	6.3	7.0	8.0	10.0	12.5
Sound pressure level to 1 m	dB(A)	31/32/33	32/33/34	39/40/44	43/44/46	44/45/47
Dimensions (WxDxH)	mm	749x790x256	749x790x256	749x790x256	816x854x297	816x854x297
Part number		**7SP032106**	**7SP032107**	**7SP032108**	**7SP032109**	**7SP032110**

Wall Mounted Indoor units

		PNV 007	PNV 009	PNV 012	PNV 015	PNV 018	PNV 021
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	6.3
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3	7.0
Sound pressure level to 1 m	dB(A)	29/31/37	34/35/39	35/37/40	29/31/34	32/35/40	34/39/43
Dimensions (WxDxH)	mm	810x210x285	810x210x285	810x210x285	1060x221x295	1060x221x295	1060x221x295
Part number		**7SP022772**	**7SP022773**	**7SP022774**	**7SP022775**	**7SP022776**	**7SP022777**

Floor/Ceiling Indoor units

		SXV 007	SXV 009	SXV 012	SXV 015	SXV 018	SXV 021	SXV 024
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	6.3	7.1
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3	7.0	8.0
Sound pressure level to 1 m	dB(A)	34/37/42	34/37/42	35/39/44	37/40/42	45/48/52	46/50/53	47/51/54
Dimensions (WxDxH)	mm	630x820x190	630x820x190	630x820x190	630x1200x190	630x1200x190	630x1200x190	630x1200x190
Part number		**7SP012167**	**7SP012168**	**7SP012169**	**7SP012170**	**7SP012171**	**7SP012172**	**7SP012173**

Ducted Indoor Units

		DLV 007	DLV 009	DLV 012	DLV 015	DLV 018	DLV 021	DLV 024
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	6.3	7.1
Heating capacity	kW	2.5	3.2	4.0	5.0	6.3	7.0	8.0
Sound pressure level to 1 m	dB(A)	27/28/30	28/29/31	30/32/34	30/32/34	28/32/33	28/32/34	33/35/40
Dimensions (WxDxH)	mm	750x200x630	750x200x630	750x200x630	750x200x630	1050x200x630	1050x200x630	1050x200x630
Part number		**7SP032098**	**7SP032099**	**7SP032100**	**7SP032101**	**7SP032102**	**7SP032103**	**7SP032104**

ON/OFF Range

At home, in offices and shops… The Comfort R410A/R407C range has been designed specially with you in mind. Your expectations differ… So do our solutions. With both cooling only and heat pump models available, Airwell offers you a broad range of air conditioning systems in various formats: monobloc, wall mounted, floor/ceiling, cassettes, ducted units… We give pride of place to R410A units operating with an ecologically friendly fluid that does not harm the ozone layer. This comprehensive Airwell Comfort R410A/R407C range with state-of-the-art technologies and high performance, is becoming the undisputed benchmark for residential and tertiary air conditioning.

TECHNOLOGY

COMFORT

DESIGN

QUALITY

HHF R410A
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GCAO N R410A
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FSF R410A
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HHF

WALL MOUNTED

4 Heat Pump models
From 2.81 kW to 6.5 kW

INDOOR UNITS **HHF 009-012-018-024**

PRODUCT ADVANTAGES

- Flat panel design.
- Led display panel with room set temp display.
- Low noise level.
- High efficiency filters including photo catalytic and anti bacterial pre filters.
- R410A high performance fluid.
- Energy label class A/A (sizes 9 and 12).
- Compact dimensions.
- Auto clean and internal drying.
- Self diagnostic by failure code indication.
- Auto restart.
- Cooling and heating boosting mode.

RC08A

OUTDOOR UNITS
YGF 009-012

OUTDOOR UNITS
YGF 018-024

HHF

			HHF 009	HHF 012	HHF 018	HHF 024
	Indoor units		**AWSI-HHF009-N11**	**AWSI-HHF012-N11**	**AWSI-HHF018-N11**	**AWSI-HHF024-N11**
	Outdoor units		**AWAU-YGF009-H11**	**AWAU-YGF012-H11**	**AWAU-YGF018-H11**	**AWAU-YGF024-H11**
Cooling	**Capacity**	kW	**2.64**	**3.22**	**5.30**	**6.15**
	Input power	kW	0.82	1	1.64	1.9
	EER/Energy Label		3.21/A	3.21/A	3.23/A	3.24/A
	Outdoor temperature operating limits	°C	21/46°C Dry Bulb	21/46°C Dry Bulb	21/46°C Dry Bulb	21/46°C Dry Bulb
Heating	**Capacity**	kW	**2.81**	**3.52**	**5.7**	**6.5**
	Input power	kW	0.78	0.97	1.67	1.9
	COP/Energy Label		3.61/A	3.61/A	3.41/B	3.42/B
	Outdoor temperature operating limits	°C	-9/24°C Dry Bulb	-9/24°C Dry Bulb	-9/24°C Dry Bulb	-9/24°C Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	32/35/37/40	32/35/38/40	38/42/45/48	38/41/44/47
	Sound power level (LS/MS/HS/SS)	dB(A)	42/45/47/50	42/45/48/50	48/52/55/58	48/51/54/57
	Dehumidification	l/h	1	1	3	3
	Airflow (LS/MS/HS/SS)	m^3/h	310/340/370/400	350/420/500/550	550/650/780/850	550/650/780/850
	Dimensions (WxDxH)	mm	730x174x255	790x177x265	940x200x298	940x200x298
	Weight	kg	8	9	13	13
	Part number		**7SP022856**	**7SP022857**	**7SP022858**	**7SP022859**
Outdoor unit	Sound pressure level to 1 m	dB(A)	50	52	54	54
	Sound power level	dB(A)	60	62	64	64
	Airflow	m^3/h	1500	1800	2790	2790
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter
	Dimensions (WxDxH)	mm	785x320x540	798x320x540	913x378x680	913x378x680
	Weight	kg	31	35	46	46
Power supply 1~230V - 50 Hz	**Part number**		**7SP061764**	**7SP061765**	**7SP061766**	**7SP061767**
Power supply 1~230V - 50 Hz	Power supply side		Indoor	Indoor	Indoor	Indoor
	Power cable section	mm^2	3x1.0	3x1.0	3x2.5	3x2.5
	Fuse rating am	A	10	16	25	25
	Electrical connections	mm^2	3x1.0 + 2x0.75	3x1.0 + 2x0.75	5x2.5	5x2.5
Pipe line	Suction pipe diameter	inches	3/8"	1/2"	1/2"	1/2"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
	Max lenght	m	15	20	25	25
	Max height	m	10	10	10	10

GCAO N

WATER COOLED UNITS

4 Cooling models
from 2.45 kW to 7.15 kW

PRODUCT ADVANTAGES

- Connection to PRIME 7-9-12-18-24 indoor units.
- Ideal solution for premises where it is impossible to install an outdoor unit.
- Connection to recycled or lost water systems.
- Water intake and drainage via public water network.
- Pressostat valve supplied (to limit water consumption).
- High Pressure safety pressostat valve with manual reset.
- Low sound emission value.

OUTDOOR UNIT
GCAO 7-9-12-18-24 N

INDOOR UNIT **PRIME 7-9-12**

INDOOR UNIT **PRIME 18-24**

GCAO N

			GCAO 7N	GCAO 9N	GCAO 12N	GCAO 18N	GCAO 24N
Cooling	**Capacity**	kW	**2.45**	**2.95**	**3.85**	**5.85**	**7.15**
	Power input	kW	0.51	0.68	0.95	1.34	1.90
	EER/Energy Label		4.80/A	4.34/A	4.05/A	4.37/A	3.76/A
	Operating limits ind.temp.	°C			17°/32° Dry Bulb		
	Condenser inlet water temp.	°C			10°/45°		
Cooling	Sound pressure level 1 mt	dB(A)	49	49	49	51	53
	Waste water flow at +15°C	l/h	90	120	160	250	320
	Recycled water flow 26/32°C	l/h	500	600	850	1250	1550
	Compressor type		Rotary	Rotary	Rotary	Rotary	Reciprocating
	Dimensions (WxDxH)	mm	625x360x473	625x360x474	625x360x475	625x360x477	625x360x478
	Weight	kg	40	41	45	50	56
Power supply 1~230V - 50 Hz	**Part number**		**7SP101039**	**7SP101040**	**7SP101041**	**7SP101045**	**7SP101044**
Power supply 1~230V - 50 Hz	Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
	Power cable section	mm^2	3x1.5	3x1.5	3x1.5	3x1.5	3x2.5
	Fuse rating	A	10	10	10	10	16
	Electrical connections	mm^2	3x1.5	3x1.5	3x1.5	3x1.5	4x2.5
Pipe line	Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"
	Max lenght	m	10	16	25	25	25
	Max height	m	10	15	15	15	15

	GCAO 7N	GCAO 9N	GCAO 12N	GCAO 18N	GCAO 24N
	PRIME 7	**PRIME 9**	**PRIME 12**	**PRIME 18**	**PRIME 24**
Part number	7SP022758	7SP022759	7SP022771	7SP022761	7SP022793

FAF

FLOOR-CEILING

4 Heat Pump models
From 8 kW to 14 kW

INDOOR UNITS **036-042**

INDOOR UNITS **030**

PRODUCT ADVANTAGES

- Auto mode/Cooling/Heating/Dehumidification
- Sleep mode (from remote control)
- ON/OFF Timer
- Auto swing/Vertical auto swing
- Intelligent Deicing
- Memory from power failure
- Cold air prevention in heating
- Self diagnosic (Error indications) for ease of maintenance
- Available in 1 or 3 phases (depend of models)
- Remote control RC08A
  - Low power battery indication
  - I FEEL function
- Wired Remote control (optional)
- Centralized Control and Week Timer (Optional)

INDOOR UNITS **024**

Wired Control

RC08A

OUTDOOR UNITS
YIF 024-030

OUTDOOR UNITS
YIF 036

OUTDOOR UNITS **YIF 042**

FAF

			FAF 024	FAF 030	FAF 036	FAF 042
	Indoor units		**AWSI-FAF024-N11**	**AWSI-FAF030-N11**	**AWSI-FAF036-N11**	**AWSI-FAF042-N11**
	Outdoor units 1~230V - 50 Hz		**AWAU-YIF024-H11**	**AWAU-YIF030-H11**	**AWAU-YIF036-H11**	
	Outdoor units 3~400V - 50 Hz				**AWAU-YIF036-H13**	**AWAU-YIF042-H13**
Cooling	**Capacity**	kW	**7.00**	**8.80**	**10.00**	**12.00**
	Input power	kW	2.61	3.00	3.60	4.80
	EER/Energy Label		2.68/D	2.93/C	2.77/D	2.5/E
	Outdoor temperature operating limits	°C	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb
Heating	**Capacity**	kW	**8.00**	**9.80**	**11.00**	**14.00**
	Input power	kW	2.59	2.85	3.3	4.7
	COP/Energy Label		3.08/D	3.43/B	3.33/C	2.97/D
	Outdoor temperature operating limits	°C	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	46/48/50	49/51/52	48/51/54	48/51/54
	Sound power level (LS/MS/HS)	m^3/h	56/58/60	59/61/62	58/61/64	58/61/64
	Airflow (LS/MS/HS)	m^3/h	1000/1080/1170	1300/1450/1600	1520/1630/1800	1520/1630/1800
	Dehumidification	l/h	2.4	2.3	2.9	4.3
	Dimensions (WxDxH)	mm	1300x600x188	1420x700x245	1590x695x238	1590x695x238
	Weight	kg	32	50	42	42
	Part number		**7SP012184**	**7SP012185**	**7SP012186**	**7SP012187**
Outdoor unit	Sound pressure level to 1 m	dB(A)	59	59	60	60
	Sound power level	dB(A)	69	69	70	70
	Airflow	m^3/h	3200	4200	4000	6000
	Compressor type		Rotary	Rotary	Scroll	Scroll
	Dimensions (WxDxH)	mm	1018x412x700	980x427x790	1018x412x840	950x412x1250
	Weight	kg	59	70	90	112
Power supply 1~230V - 50 Hz	**Part number**		**7SP061781**	**7SP061782**	**7SP061783**	
Power supply 3~400V - 50 Hz	**Part number**				**7SP061784**	**7SP061785**
Power supply 1~230V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	
	Power cable section	mm^2	3x1.0 - 3x4.0	3x1.0 - 3x6.0	3x1.0 - 3x6.0	
	Fuse rating am	A	6 - 25	6 - 30	6 - 40	
	Electrical connections	mm^2	2x0.75	2x0.75	2x0.75	
Power supply 3~400V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm^2			3x1.0 - 5x2.5	3x1.0 - 5x2.5
	Fuse rating am	A			6 - 16	6 - 20
	Electrical connections	mm^2			2x0.75	2x0.75
Pipe line	Suction pipe diameter	inches	5/8"	5/8"	3/4"	3/4"
	Liquid pipe diameter	inches	3/8"	3/8"	1/2"	1/2"
	Max lenght	m	30	30	50	50
	Max height	m	15	15	30	30

SX TELECOM

FLOOR/CEILING SPLIT UNITS

3 Cooling models
From 3.5 kW to 8.3 kW

INDOOR UNIT **SX TELECOM 12-18-30**

ULTRA SIMPLE
Mounting template for preparing both low wall mounting and ceiling installation.

ULTRA QUICK
Wall bracket used for pre-fitting and attaching pipe links (pipe outlet possible on the rear, left or right).

ULTRA PRACTICAL
Direct access to electrical and refrigeration connections without dismantling the unit.

APPLICATIONS

- The SX Close control Telecom is developed for telecom communication rooms that could operate in temperature down to -10°C.
- The system specially designed for process applications, equipped with several safety systems and full electromagnetic radiation (EMR) protection.

PRODUCT ADVANTAGES

- Can be installed as floor or ceiling.
- Microprocessor control.
- Automatic treated air sweep (Horizontal and vertical).
- Can be operated under the condition of outdoor temperature of -10°C by real pressure input.
- Compatible with Airconet remote control.
- Infrared remote control and manual control on the unit.
- Supplied with RC7 remote control.

* Wall mounted RCW or RCW2 remote control available in accessory.

RC7 **RCW2***

OUTDOOR UNIT
GC 12 LT

OUTDOOR UNIT
GC 18 LT

OUTDOOR UNIT
GC 30T LT

SX TELECOM

			SX 12 TELECOM	SX 18 TELECOM	SX 30 TELECOM
	Indoor Units		**SX 12 TELECOM**	**SX 18 TELECOM**	**SX 30 TELECOM**
	Outdoor Units		**GC 12 LT**	**GC 18 LT**	**GC 30T LT**
Cooling	**Capacity**	kW	**3.57**	**5.65**	**8.3**
	Power input	kW	1.06	1.63	2.77
	EER/Energy Label		3.37/A	3.21/A	3.0/C
	Operating limits	°C	-9/+46 °C Dry Bulb	-9/+46 °C Dry Bulb	-9/+46 °C Dry Bulb
Indoor unit	Sound pressure level 1 mt[1]	dB(A)	38/41/45	40/44/47	49/53/56
	Sound power level[1]	dB(A)	51/53/56	51/55/59	60/64/68
	Airflow[1]	m^3/h	350/390/420	460/520/560	700/895/1020
	Dimensions (WxDxH)	mm	820x190x630	820x190x630	1200x190x630
	Weight	kg	22	21	32
	Part number		**7SP012164**	**7SP012165**	**7SP012166**
Outdoor unit	Sound pressure level 1 mt	dB(A)	54	54	69
	Compressor type		Rotary	Rotary	Rotary
	Dimensions (WxDxH)	mm	760x245x545	795x290x610	900x340x860
	Weight	kg	32.5	42	78
Power supply 1-230V-50Hz	**Part number**		**7SP061711**	**7SP061712**	-
Power supply 3-400V-50Hz	**Part number**		**-**	**7SP061768**	**7SP061713**
Power supply 1-230V-50Hz	Power supply side		Indoor or Outdoor	Indoor or Outdoor	-
	Power cable section	mm^2	3x1.5	3x2.5	-
	Fuse rating	A	10	16	-
	Electrical connections	mm^2	4x1.5	4x2.5	-
Power supply 3-400V-50Hz	Power supply side		-	-	Outdoor
	Power cable section	mm^2	-	-	5x2.5
	Fuse rating	A	-	-	3x16
	Electrical connections	mm^2	-	-	5x1.5
Pipe line	Suction pipe diameter	inches	3/8"	1/2"	5/8"
	Liquid pipe diameter	inches	1/4"	1/4"	3/8"
	Max lenght	m	15	15	30
	Max height	m	7	7	10

[1]Data are relative to Low speed, Medium speed and High speed

ACCESSORIES		**SX 12 T**	**SX 18 T**	**SX 30 T**
Remote control RCW2	7ACEL1212	*	*	*

* Available

CAF

CASSETTE

5 Heat Pump models
From 5.7 kW to 14 kW

INDOOR UNITS
024-030-036-042

PRODUCT ADVANTAGES

- Auto mode/Cooling/Heating/Dehumidification
- Sleep mode (from remote control)
- ON/OFF Timer
- Auto swing/Vertical auto swing
- 4-dimension swing
- Intelligent Deicing
- Memory from power failure
- Cold air prevention in heating
- Self diagnosic (Error indications) for ease of maintenance
- Available in 1 or 3 phases (depend of models)
- Remote control RC08A
  - Low power battery indication
  - I FEEL function
- Wired Remote control (optional)
- Centralized Control and Week Timer (Optional)

INDOOR UNITS **018**

Wired Control

RC08A

OUTDOOR UNITS
YIF 018

OUTDOOR UNITS
YIF 024-030

OUTDOOR UNITS
YIF 036-042

CAF

			CAF 018	CAF 024	CAF 030	CAF 036	CAF 042
	Indoor units		**AWSI-CAF018-N11**	**AWSI-CAF024-N11**	**AWSI-CAF030-N11**	**AWSI-CAF036-N11**	**AWSI-CAF042-N11**
	Outdoor Units 1~230V - 50 Hz		**AWAU-YIF018-H11**	**AWAU-YIF024-H11**	**AWAU-YIF030-H11**	**AWAU-YIF036-H11**	
	Outdoor Units 3~400V - 50 Hz					**AWAU-YIF036-H13**	**AWAU-YIF042-H13**
Cooling	**Capacity**	kW	**5.00**	**6.80**	**8.30**	**10.00**	**12.00**
	Input power	kW	2.00	2.62	2.90	3.60	4.80
	EER/Energy Label		2.34/E	2.59/E	2.86/C	2.77/D	2.50/E
	Outdoor temperature operating limits	°C	-7°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb
Heating	**Capacity**	kW	**5.70**	**7.50**	**8.80**	**11.00**	**14.00**
	Input power	kW	1.90	2.50	3.15	3.30	5.00
	COP/Energy Label		2.93/D	3.00/D	2.79/E	3.33/C	2.80/D
	Outdoor temperature operating limits	°C	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb
Indoor unit	Sound pressure level to 1 m	dB(A)	43/45/47	43/45/47	48/49/51	48/51/53	48/51/53
	Sound power level	dB(A)	53/55/57	53/55/57	58/59/61	58/61/63	58/61/63
	Airflow	m^3/h	420/490/550	1000/1080/1180	1170/1270/1400	1500/1570/1660	1500/1570/1650
	Dehumidification	l/h	1.9	2.35	2.7	2.9	4.3
	Dimensions (WxDxH)	mm	600x600x230	840x840x260	840x840x260	840x840x320	840x840x320
	Weight	kg	20	30	27	38	38
	Frame Dimensions 625x625	mm					
	Weight	kg					
	Frame Dimensions 725x725	mm					
	Weight	kg					
	Frame Dimensions 900x900	mm		950x950x60	950x950x60	950x950x60	950x950x60
	Weight	kg		6.5	6.5	6.5	6.5
	Part number		**7SP042209**	**7SP042210**	**7SP042211**	**7SP042212**	**7SP042213**
	Part number Frame 900 x 900 for grid ceiling		**7ACVF0547**	**7ACVF0548**	**7ACVF0548**	**7ACVF0548**	**7ACVF0548**
Outdoor unit	Sound pressure level to 1 m	dB(A)	56	59	59	60	60
	Sound power level	dB(A)	66	69	69	70	70
	Airflow	m^3/h	TBC	3200	4200	4000	6000
	Compressor type		Rotary DC Inverter	Rotary	Rotary	Rotary	Scroll
	Dimensions (WxDxH)	mm	818x320x540	1018x412x700	980x427x790	1018x412x840	950x412x1250
	Weight	kg	32	59	70	90	112
Power supply 1~230V - 50 Hz	**Part number**		**7SP061780**	**7SP061781**	**7SP061782**	**7SP061783**	
Power supply 3~400V - 50 Hz	**Part number**					**7SP061784**	**7SP061785**
Power supply 1~230V - 50 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	
	Power cable section	mm^2	3x1.0 - 3x1.5	3x1.0 - 3x4.0	3x1.0 - 3x6.0	3x1.0 - 3x6.0	
	Fuse rating	A	5- 15	6 - 25	6 - 30	6 - 40	
	Electrical connections	mm^3		2x0.75	2x0.75	2x0.75	
Power supply 3~400V - 50 Hz	Power supply side					Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm^2				3x1.0 - 5x2.5	3x1.0 - 5x2.5
	Fuse rating	A				6 - 16	6 - 20
	Electrical connections	mm^3				2x0.75	2x0.75
Pipe line	Suction pipe diameter	inches	1/2"	5/8"	5/8"	3/4"	3/4"
	Liquid pipe diameter	inches	1/4"	3/8"	3/8"	1/2"	1/2"
	Max lenght	m	20	30	30	50	50
	Max height	m	15	15	15	30	30

DAF

DUCTED

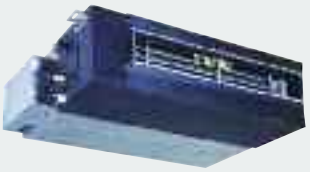
12 Heat Pump models
From 2.85 kW to 42.0 kW

INDOOR UNITS **DAF 024-060**

PRODUCT ADVANTAGES

- Auto mode/Cooling/Heating/Dehumidification
- Sleep mode (from remote control)
- ON/OFF Timer
- Auto swing/Vertical auto swing
- 4-dimension swing (Cassette only)
- Intelligent Deicing
- Memory from power failure
- Cold air prevention in heating
- Self diagnosic (Error indications) for ease of maintenance
- Available in 1 or 3 phases (depend of models)
- Remote control RC08A
  - Low power battery indication
  - I FEEL function
- Wired Remote control
- Centralized Control and Week Timer (Optional)

INDOOR UNITS **DAF 009-018**



Wired Control

RC08A

OUTDOOR UNITS
YIF 012-018

OUTDOOR UNITS
YIF 036

OUTDOOR UNITS
YIF 048-060

OUTDOOR UNITS **YIF 048-060**

DAF

			DAF 009	DAF 012	DAF 018	DAF 024	DAF 030	DAF 036	DAF 042	DAF 060
	Indoor Units AWSI-DAF...		**009-N11**	**012-N11**	**018-N11**	**024-N11**	**030-N11**	**036-N11**	**042-N11**	**060-N11**
	Outdoor Units 1~230V - 50 Hz AWAU-YIF...		**009-H11**	**012-H11**	**018-H11**	**024-H11**	**030-H11**	**036-H11**		
	Outdoor Units 3~400V - 50 Hz AWAU-YIF...							**036-H13**	**042-H13**	**060-H13**
Cooling	**Capacity**	kW	**2.60**	**3.50**	**5.00**	**7.00**	**8.30**	**10.00**	**12.00**	**16.00**
	Input power	kW	1.00	1.20	2.10	2.66	3.00	4.00	5.30	6.50
	EER/Energy Label		2.60/D	2.91/C	2.38/F	2.63/D	2.76/D	2.50/E	2.26/F	2.46/E
	Outdoor temperature operating limits	°C	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb	18°/43° Dry Bulb
Heating	**Capacity**	kW	**2.85**	**3.60**	**5.70**	**8.00**	**9.10**	**11.00**	**14.00**	**18.50**
	Input power	kW	0.97	1.10	1.80	2.51	3.00	3.50	4.90	5.50
	COP/Energy Label		2.93/D	3.27/C	3.16/D	3.18/D	3.03/D	3.14/D	2.85/D	3.36/C
	Outdoor temperature operating limits	°C	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb	-7°/24° Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	34/36/37	36/38/40	38/40/42	40/42/44	40/42/44	46/48/50	46/48/50	48/50/53
	Sound power level (LS/MS/HS)	dB(A)	44/46/47	46/48/50	48/50/52	50/52/54	50/52/54	56/58/60	56/58/60	58/60/63
	Airflow (LS/MS/HS)	m^3/h	400/470/550	490/540/600	680/750/840	1220/1350/1400	1200/1320/1400	1380/1650/2000	1380/1650/2000	1800/2100/2500
	Dehumidification	l/h	1	1.3	1.9	2.4	2.5	2.9	4.3	4.7
	Dimensions (WxDxH)	mm	913x680x220	913x680x220	1012x736x266	1270x504x268	1270x530x268	1251x744x290	1251x744x290	1251x788x330
	Weight	kg	27	27	36	37	37	57	57	66
	Part number		**7SP032114**	**7SP032115**	**7SP032116**	**7SP032117**	**7SP032118**	**7SP032119**	**7SP032120**	**7SP032121**
Outdoor unit	Sound pressure level to 1 m	dB(A)	55	56	56	59	59	60	60	64
	Sound power level	dB(A)	65	66	66	69	69	70	70	74
	Airflow	m^3/h	2800	2800	2800	3200	4200	4000	6000	6000
	Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
	Dimensions (WxDxH)	mm	848x320x540	848x320x540	848x320x540	1018x412x700	980x427x790	1018x412x840	950x412x1250	950x412x1250
	Weight	kg	32	32	40	59	70	90	112	123
Power supply 1~230V - 60 Hz	**Part number**		**7SP061778**	**7SP061779**	**7SP061780**	**7SP061781**	**7SP061782**	**7SP061783**		
Power supply 3~400V - 60 Hz	**Part number**							**7SP061784**	**7SP061785**	**7SP061786**
Power supply 1~230V - 60 Hz	Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor		
	Power cable section	mm^2	3x1.0 - 3x1.5	3x1.0 - 3x1.5	3x1.0 - 3x2.5	3x1.0 - 3x4.0	3x1.0 - 3x6.0	3x1.5 - 3x6.0		
	Fuse rating	A	6 - 10	6 -13	6 - 20	6 - 25	6 - 30	10 - 40		
	Electrical connections	mm^2	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75		
Power supply 3~400V - 60 Hz	Power supply side							Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
	Power cable section	mm^2						3x1.5 - 5x2.5	3x1.5 - 5x2.5	3x1.5 - 5x2.5
	Fuse rating	A						10-16	10 - 20	10 - 20
	Electrical connections	mm^2						2x0.75	2x0.75	2x0.75
Pipe line	Suction pipe diameter	inches	3/8"	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"	3/4"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"	3/8"	1/2"	1/2"	1/2"
	Max lenght	m	20	20	20	30	30	50	50	50
	Max height	m	15	15	15	15	15	30	30	30

DK-DN

PACKAGED SPLIT-SYSTEM

11 Cooling models
From 12 kW to 83 kW

11 Heat Pump model
From 12.4 kW to 83.8 kW

INDOOR UNIT **DK 125**

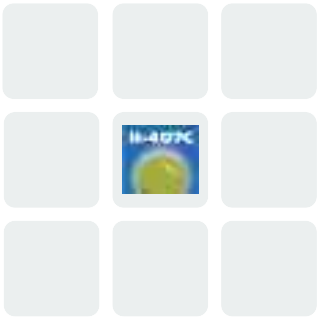
INDOOR UNIT **DK 205-255-305-405-505-605**

OUTDOOR UNIT **DN 405/605**

RCW2*

PRODUCT ADVANTAGES

- Indoor centrifugal fan units for duct network connection.
- Multi-position architecture for horizontal or vertical mounting (depending on models).
- Versions with factory-fitted "All Seasons" kit (Cooling mode operation down to outdoor temperatures of -10° C).
- Outdoor Helicoidal fan units.
- Frame and air filter supplied.
- CAC Controller: Microprocessor system control and management.
- Scroll compressor.
- Phase controller.
- Electric heating (accessory).
- Centralised regulation with RCW2 remote control (accessory)*.



DK-DN

	Indoor units		**DK 125**	**DK-V 125**	**DK 155**	**DK-V 155**	**DK 185**	**DK 205**	**DK 255**	**DK 305**	**DK 405 M**	**DK 405**	**DK 505**	**DK 605**	**DK 755**	**DK 905**
	Outdoor units		**DN 125**	**DN 125**	**DN 155**	**DN 155**	**DN 185**	**DN 205**	**DN 255**	**DN 305**	**DN 405 M**	**DN 405**	**DN 505**	**DN 605**	**DN 755**	**DN 905**
	Outdoor units		**DN 125RC**	**DN 125RC**	**DN 155RC**	**DN 155RC**	**DN 185RC**	**DN 205RC**	**DN 255RC**	**DN 305RC**	**DN 405MRC**	**DN 405RC**	**DN 505RC**	**DN 605RC**	**DN 755RC**	**DN 905RC**
Cooling	Cooling Capacity	kW	12	12	14.5	14.5	17.5	19.1	21	28.5	36	37.5	44	56	69.1	83
	Power input	kW	4.9	4.9	5.7	5.7	6.9	7.3	8.6	11.5	13.9	14.4	16.7	22.5	26.9	33
	EER		2.5	2.5	2.5	2.5	2.5	2.6	2.4	2.5	2.6	2.6	2.6	2.5	2.6	2.5
	Outdoor temperature operating limits	°C	-10°/46° Dry Bulb*													
Heating	Heating Capacity	kW	12.4	12.4	15.7	15.7	18	18.3	21	27.3	36	36.5	42	57.5	71	83.8
	Capacity at -10°C	kW	4.8	4.8	5.8	5.8	6.4	6.7	7	9.3	13.3	11.9	14.4	22.9	26.4	32.4
	COP		2.6	2.7	2.7	2.8	2.7	3	2.9	2.7	3	2.9	2.5	2.7	2.6	2.5
	Outdoor temperature operating limits	°C	-10°/19° Dry Bulb													
Indoor unit	Sound power level	dB(A)	73	69	75	72	76	82	82	78	81	81	80	81	84	88
	Air flow Nominal	m³/h	2100	2100	2850	2850	3500	4500	4680	5760	7560	7560	9360	9720	12000	14300
	Min.	m³/h	1600	1600	2300	2300	2800	3600	3800	4600	6000	6000	7500	7780	9600	11440
	Max.	m³/h	2400	2400	3100	3100	3900	5000	5100	6300	8200	8200	10300	11000	13200	15730
	Available static pressure (min/max)	daPa	0/16	0/18	0/13	0/11	0/20	2/21	0/21	0/12-2/19	0/14-0/18	0/14-0/18	3/19-28/52	7/20-15/32	5/33	4/46
	Mounting		Horiz.	H. or V.	Horiz.	Vert.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.
	Weight	kg	58	69	65	77	98	98	100	150	160	160	205	209	266	282
	Dimensions W	mm	1150	1050	1350	1250	1350	1350	1350	1690	1690	1690	2100	2100	2208	2208
	D	mm	745	890	745	890	745	1060	1060	991	991	991	1064	1064	910	910
	H	mm	340	350	340	350	400	400	400	676	676	676	704	704	795	945
	Part number		**7SP051153**	**7SP051152**	**7SP051154**	**7SP051151**	**7SP051069**	**7SP051141**	**7SP051142**	**7SP051143**	**7SP051155**	**7SP051144**	**7SP051145**	**7SP051146**	**7SP051122**	**7SP051123**
Outdoor unit	Sound power level	dB(A)	80	80	81	81	78	78	81	82	83	82	84	87	87	87
	Air flow	m³/h	5400	5400	9000	9000	9000	9000	9000	9000	16000	2x9000	2x9000	2x9000	2x16000	2x16000
	Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Number of fan		1	1	1	1	1	1	1	1	1	1	2	2	2	2
	Weight	kg	140	140	150	150	164	164	164	187	247	317	378	405	559	592
	Dimensions W	mm	746	746	900	900	900	900	900	1003	1004	1708	1708	1708	2213	2213
	D	mm	746	746	800	800	800	800	800	1003	1004	1123	1123	1124	1345	1345
	H	mm	909	909	1060	1060	1060	1060	1060	1094	1250	972	1171	1172	1304	1454
Power supply 3-400V-50Hz	**Part number**		**7SP111061**	**7SP111061**	**7SP111054**	**7SP111054**	**7SP111055**	**7SP112013**	**7SP112014**	**7SP112015**	-	**7SP112016**	**7SP112017**	**7SP112018**	**7SP112137**	**7SP112138**
	Part number fitted with all seasons kit		**7SP111081**	**7SP111081**	**7SP111082**	**7SP111082**	**7SP111080**	**7SP112082**	**7SP112083**	**7SP112084**	-	**7SP112085**	**7SP112086**	**7SP112087**	**Included**	**Included**
Power supply 3-400V-50Hz	**Part number**		**7SP111062**	**7SP111062**	**7SP111056**	**7SP111056**	**7SP111057**	**7SP112019**	**7SP112020**	**7SP112021**	**7SP112132**	**7SP112022**	**7SP112023**	**7SP112024**	**7SP112138**	**7SP112147**
	Part number fitted with all seasons kit		**7SP111079**	**7SP111079**	**7SP111083**	**7SP111083**	**7SP111084**	**7SP112088**	**7SP112089**	**7SP112090**	**Included**	**7SP112091**	**7SP112092**	**7SP112093**	**Included**	**Included**
Power supply 3~400V-50Hz	Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
	Power cable section	mm²	5x2.5	5x2.5	5x4	5x4	5x4	5x4	5x4	5x6	5x10	5x10	5x16	5x16	5x25	5x35
	Fuse rating	A	16	16	20	20	25	25	25	32	40	40	50	63	63	80
	Electrical connections	mm²	6x1.5	6x1.5	6x1.5	6x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x2.5
Pipe Line	Suction pipe diameter < 20 m	inches	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	7/8"	1-3/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-3/8"
	Suction pipe diameter > 20 m	inches	3/4"	3/4"	3/4"	3/4"	3/4"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	7/8"	7/8"	1-1/8"	1-3/8"	1-3/8"
	Liquid pipe diameter < 20 m	inches	1/2"	1/2"	1/2"	1/2"	5/8"	1/2"	1/2"	5/8"	5/8"	1/2"	1/2"	1/2"	5/8"	5/8"
	Liquid pipe diameter > 20 m	inches	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
	Max. lenght	m	50	50	50	50	50	30	30	30	30	30	30	30	30	30
	Max. height	m	50	50	50	50	50	15	15	15	10	15	15	15	15	15

* Fitted with all seasons system

Nota: From size 205, Packaged Split System DK/DN are not precharched.

ACCESSORIES	Size **DK-V**	**125**	**155**	**185**	**205**	**255**	**305**	**405**	**505-605**	**755-905**
Electric heating	Capacity W	9000	10500	12000	12000	18000	18000	21000	30000	30000
	Part number	7ACEL1208	7ACEL1209	7ACEL1184	7ACEL1186	7ACEL1189	7ACEL1176	7ACEL1177	7ACEL1178	7ACEL1340
Remote control RCW2	Part number	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212

FSF

SPLIT SYSTEM COLUMN

of 12,4 kW

PRODUCT ADVANTAGES

- Auto mode
- Cooing
- Heating
- Dehimidification
- Sleep mode
- ON/OFF Timer (Active clock)
- Clock display
- Vertical auto swing(any position stop)
- Horizontal auto swing
- Intelegent Deicing
- Memory from power failure
- Cold air prevention in heating
- Self diagnosis (Error indications)
- LED Display
- Electrical heater 2.5 kW

INDOOR UNIT **FSF 045**

RC08A

OUTDOOR UNIT
YFF 045

FSF

			FSF045
	Indoor units		**AWSI-FSF045-N11**
	Outdoor units		**AWAU-YFF045-H13**
Cooling	**Capacity**	kW	**12.4**
	Input power	kW	4.94
	EER/Energy Label		2.51
	Outdoor temperature operating limits	°C	18/43°C Dry Bulb
Heating	**Capacity**	kW	**13.6**
	Dehumidification	l/h	6
	Input power	kW	4.84
	COP/Energy Label		2.81
	Outdoor temperature operating limits	°C	-7/24°C Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	46/48/50/52
	Sound power level (LS/MS/HS/SS)	dB(A)	56/58/60/62
	Airflow (LS/MS/HS/SS)	m^3/h	1350/1500/1650/1800
	Dimensions (WxDxH)	mm	518x395x1870
	Weight	kg	63
	Part number		**7SP011082**
Outdoor unit	Sound pressure level to 1 m	dB(A)	59
	Sound power level	dB(A)	69
	Airflow	m^3/h	4000
	Compressor type		Scroll
	Dimensions (WxDxH)	mm	1032x412x1250
	Weight	kg	110
Power supply 1~230V - 50 Hz	**Part number**		**7SP061802**
Power supply 1~230V - 50 Hz	Power supply side		Outdoor
	Power cable section	mm^2	5x2.5
	Fuse rating am	A	25
	Electrical connections	mm^2	3x1.0 + 5x1.0 + 4x1.0
Pipe line	Suction pipe diameter	inches	3/4"
	Liquid pipe diameter	inches	1/2"
	Max lenght	m	10
	Max height	m	5

MOBILES/ MONOBLOCS Range

COMFORT

ECONOMICAL

QUALITY

EASY INSTALLATION

CAO R407C
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AELIAN R410A
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WCF R410A
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CAO

WATER CONSOLE

3 Cooling models
From 2.3 kW to 4.7 kW

INDOOR UNIT **CAO 230-370**

PRODUCT ADVANTAGES

- Ideal solution for premises where it is impossible to install an outdoor unit.
- Water condenser for use with the public water network.
- Modulating regulation valve for reducing water consumption.
- Possibility of new outdoor air intake.
- Electric heating (accessory).
- Remote control repeater (accessory).
- Reusable air filters.

INDOOR UNIT **CAO 580**

			CAO 230	CAO 370	CAO 580
Cooling	**Capacity**	kW	**2.3**	**3**	**4.7**
	Power input	kW	0.66	0.85	1.3
	EER/Energy Label		3.4/E	3.5/D	3.6/D
	Operating limits	°C	15°/32° Dry Bulb	15°/32° Dry Bulb	15°/32° Dry Bulb
	Condenser inlet water temperature		10°/30°	10°/30°	10°/30°
Indoor unit	Sound pressure level 4 mt[1]	dB(A)	37/40	38/41	41/43
	New air flow	m^3/h	60	60	80
	Airflow[1]	m^3/h	450/550	450/550	725/880
	Water flow at +15°C	l/h	130	170	270
	Compressor type		Rotary	Rotary	Rotary
	Dimensions (WxDxH)	mm	1030x226x620	1030x226x620	1390x226x620
	Weight	kg	48	49	69
Power supply 1-230V - 50 Hz	**Part number**		**7CW011016**	**7CW011017**	**7CW011018**
Power supply 1-230V - 50Hz	Power supply side		Indoor	Indoor	Indoor
	Power cable section	mm^2	3x1.5	3x1.5	3x1.5
	Fuse rating	A	6	6	8

[1]Data are relative to Low speed and High speed

ACCESSORIES		CAO 230	CAO 370	CAO 580
Single phase electric heating	Capacity (W)	2000	2000	3000
	7ACEL0006	*	*	-
	7ACEL0007	-	-	*
Remote control	7ACEL0039	*	*	*

* Available
- Not available

AELIAN

PORTABLE UNITS

2 Cooling models
From 2.64 kW to 3.5 kW

AELIAN 009/012

IR Remote control

PRODUCT ADVANTAGES

- Particularly suited for residential and light commercial air conditioning needs.
- Auto swing, sleep function.
- Self diagnostic and overflow protection.
- Memory from power failure.
- High dehumidification capacity.
- Low noise levels in the units.
- 3 fan speed.
- Easy installation (no specific requirements) and service.
- Easy access to the connecting hose to exhaust air out.
- Two options to control the unit by touch panel (built-in) or by wirless remote controller.
- Touch pad on the unit.
- Infrared remote control with liquid crystal display.
- Moving wheels for more convenience.

			AELIAN 009	AELIAN 012
Cooling	**Capacity**	kW	**2.64**	**3.5**
	Power input	kW	1.1	1.34
	EER/Energy Label		2.6/A	2.6/A
Indoor unit	Type		Monobloc	Monobloc
	Sound pressure level 1 mt[1]	dB(A)	54/50/48	56/54/50
	Airflow[2]	m^3/h	420/390/300	450/420/390
	Dehumidification	l/h	1.2	1.50
	Dimensions (H/M/L)	mm	450x400x840	500x460x840
	Weight	kg	34	45
Power supply 1-230V - 50Hz	**Part number**		**7MB021052**	**7MB021053**

[1]Data are relative to Low speed, Medium speed and High speed
[2]Data are relative to High speed

WCF R410A

WINDOWS

2 Cooling models
From 2.5 kW to 3.5 kW

INDOOR UNITS **WCF 009-012**

AVANTAGES PRODUIT

- Froid only.
- Sleep mode.
- ON/OFF Timer.
- Clock and temperature display.
- Auto Swing.
- Four directions Air Flow.
- Auto restart memory (from power failure).

IR remote Control

			WCF 009	WCF 012
Cooling	**Capacity**	kW	**2.5**	**3.5**
	Input power	kW	**0.91**	**1.27**
	EER/Energy Label		**2.75/C**	**2.76/C**
	Outdoor temperature operating limits	°C	18°/43° Dry Bulb	18°/43° Dry Bulb
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	45/47/49	49/51/53
	Airflow (MS)	m^3/h	360	480
	Compressor type		Rotary	Rotary
	Dimensions (WxDxH)	mm	450x580x350	560x618x375
	Weight	kg	36	48
Power supply 1~230V - 50 Hz	**Part number**		**7WT012062**	**7WT012063**
Power supply 1~230V - 50 Hz	Power supply side		Indoor	Indoor
	Power cable section	mm^2	3x1.5	3x1.5
	Fuse rating am	A	10	10

NOTES

INDUSTRIAL Range

Based on its incomparable expertise on this core market, with its 2008 Industrial range, Airwell offers a vast choice of system capacities up to 108 kW. Air or water condenser vertical cabinet units, Ducted packaged units, Rooftop units: a comprehensive range of systems to match all your requirements. In addition, the DK/DN and HAN systems are equipped with an intelligent CAC controller microprocessor control facility. This high-tech PCB not only provides easy access to all system statuses, alarms and sensor data, but also generates significant energy savings, sets the de-icing time duration, etc.

POWERFUL

VERSATILE

FLEXIBLE

DIVERSIFY

X AR R407C
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X AO R407C
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HAN R410A
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X AR

VERTICAL AIR CABINETS

6 Cooling models
From 9.7 kW to 55 kW

INDOOR UNIT **X1100 AR***

INDOOR UNIT **X2450 AR***

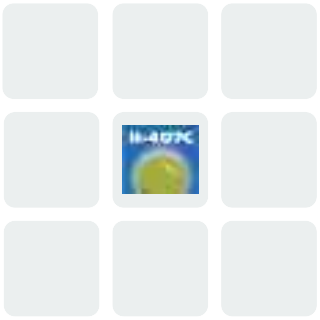
* Switch assembly to be fitted in the room.

PRODUCT ADVANTAGES

- Easy installation and maintenance.
- Split system with outdoor condenser fan units.
- Treated air distribution to premises by plenum or duct network.
- Adjustable available static pressure.
- Thermostat temperature regulation.
- Electrical, refrigeration and thermal protection devices.
- Electric heating (accessory).
- Hot water coil battery heating (accessory).
- "All Seasons" system (Cooling mode operation down to outdoor temperatures of -10° C) (accessory).
- Remote fault reporting (accessory).
- Plenum, duct flanges (accessory).

OUTDOOR UNIT **UC 33-53**

ACCESSORIES		X 1100 AR	X 1900 AR	X 2450 AR	X 3250 AR	X 4650 AR	X 6450 AR
Set of female valves	Part number	7ACFH0054	7ACFH0055	7ACFH0056	7ACFH0061	7ACFH0057	7ACFH0060
Pipe links	Part number	7ACFH0210[1]	7ACFH0211	7ACFH0212	7ACFH0213	7ACFH0214	7ACFH0215
Electric heating	Capacity (W)	9000	12000	18000	22500	37500	45000
	Part number	7ACEL0042	7ACEL0043	7ACEL0057	7ACEL0058	7ACEL0116	7ACEL0119



X AR

	Indoor units			X 1100 AR	X 1900 AR	X 2450 AR	X 3250 AR	X 4650 AR	X6450 AR
Cooling	Cooling Capacity		kW	9.7	16.2	19.8	29	38.9	55
	Power input		kW	4.55	6.8	8.9	12.63	16.95	24
	EER			2.13	2.38	2.22	2.30	2.29	2.29
Indoor unit	Sound power level		dB(A)	66	68	75	81	77	85
	Available static pressure (min/max)		daPa	20	30	20	20	25	29
	Air flow	Nominal	m^3/h	2000	3200	4500	5800	9000	12000
		Min.	m^3/h	1500	2500	3600	4600	7200	9500
		Max	m^3/h	2500	3800	5400	7000	10800	14500
	Compressor type			Reciprocating	Reciprocating	Reciprocating	Reciprocating	Reciprocating	Reciprocating
	Cooling circuit			1	1	1	1	2	2
	Dimensions (WxDxH)		mm	890x430x1540	1000x500x1735	1300x600x1840	1530x600x1840	1715x790x1970	1980x790x1970
	Air distribution plenum: height[1]		mm	220	260	350	350	400	400
	Weight		kg	136	182	265	350	525	600
	Part number			**7XU022082**	**7XU022077**	**7XU022078**	**7XU022079**	**7XU022080**	**7XU022081**
Outdoor unit	**Outdoor units**			**UC 33 A**	**UC 53 A**	**UC 73 A**	**UC 103 A**	**UC 73 A**	**UC 103 A**
	Sound power level		dB(A)	54	58	61	73	64	76
	Air flow		m^3/h	220	260	350	350	400	400
	Condenser units			1	1	1	1	2	2
	Dimensions (WxDxH)		mm	885x825x831	885x825x832	1141x885x831	1546x885x893	1141x885x831	1546x885x893
	Weight		kg	59	68	93	130	93	130
Power supply 3-400V-50Hz	**Part number**			**7XU031025**	**7XU031026**	**7XU031027**	**7XU031028**	**2 x 7XU031027**	**2 x 7XU031028**
Power supply 3~400V-50Hz	Power supply side			Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
	Power cable section		mm^2	5x2.5	5x2.5	5x4	5x6/5x10	5x10	5X16/5X25
	Fuse rating am		A	16	25	25	32/40	50	63/80
	Electrical connections		mm^2	5x1.5	5x1.5	5x1.5	5x1.5	6x1.5	6x1.5
Pipe Line	Suction pipe diameter		Inches	1/2"	1/2"	5/8"	3/4"	5/8"	3/4"
	Liquid pipe diameter		Inches	3/8"	3/8"	1/2"	5/8"	1/2"	5/8"
	Max lenght		m	45	45	45	45	45	45

[1] Plenum in accessories

ACCESSORIES		X 1100 AR	X 1900 AR	X 2450 AR	X 3250 AR	X 4650 AR	X 6450 AR
Hot water heating (water at 90/80 °C)	Capacity (W)	15500	29700	38500	50000	77000	94000
Confirm left or right side outlet	Part number	7ACFH062	7ACFH0063	7ACFH0064	7ACFH0118	7ACFH0180	7ACFH0170
Combined ON/OFF switch and room thermostat[2]	Part number	7ACEL0041	7ACEL0041	7ACEL0032	7ACEL0032	7ACEL0032	7ACEL0032
"High Ventilation"	Part number	7ACVF0023	7ACVF0024	-	-	-	-
"All seasons" system	Part number	7ACFH0069	7ACFH0070	7ACEL0104	7ACFH0072	7ACFH0071	7ACFH0146
Remote fault reporting kit	Part number	-	-	7ACEL0072	7ACEL0072	7ACEL0071	7ACEL0071
Air distribution duct frame	Part number	7ACVF0101	7ACVF0102	7ACVF0050	7ACVF0051	7ACVF0052	7ACVF0052
Total rear air intake duct frame	Part number	7ACVF0041	7ACVF0104	7ACVF0043	7ACVF0044	7ACVF0045	7ACVF0046
Front air distribution plenum	Part number	7ACVF0105	7ACVF0106	7ACVF0108	7ACVF0109	7ACVF0110	7ACVF0111
New air intake	Part number	7ACVF0047	7ACVF0047	-	-	-	-

(1) Pipe lenghts up to 15m: ref 7ACFH0296. (2) Switch assembly to be fitted in the room.

X AO

VERTICAL WATER CABINETS

6 Cooling models
From 8 kW to 45.7 kW

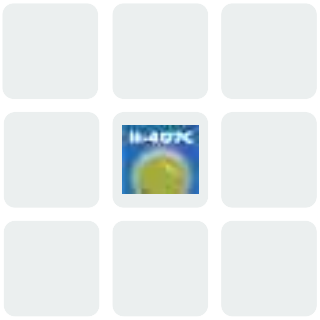
INDOOR UNIT **X4650 AO***

* Switch assembly to be fitted in the room.

PRODUCT ADVANTAGES

- Easy installation and maintenance.
- Monobloc system.
- Operating with mains or recycled water.
- Treated air distribution to premises by plenum or duct network.
- Adjustable available static pressure.
- Thermostat temperature regulation.
- Electrical, refrigeration and thermal protection devices.
- Electric heating (accessory).
- Hot water coil battery heating (accessory).
- Remote fault reporting (accessory).
- Plenum, duct flanges (accessory).

Electrical accessories		X 1100 AO	X 1900 AO	X 2450 AO	X 3250 AO	X 4650 AO
Electric heating 3N~400 V	Capacity (W)	9000	12000	18000	22500	37500
	Part number	7ACEL0042	7ACEL0043	7ACEL0057	7ACEL0058	7ACEL0116
Hot water heating (water 90/80 °C)	Capacity (W)	15500	29700	38500	50000	77000
Confirm left or right side outlet	Part number	7ACFH0062	7ACFH0063	7ACFH0064	7ACFH0118	7ACFH0180



X AO

				X 1100 AO	X 1900 AO	X 2450 AO	X 3250 AO	X 4650 AO
Cooling	Cooling Capacity		kW	11.7	18	23	32.4	45.7
	Power input		kW	3.8	5.8	7.1	9.8	13.9
	EER			3.08	3.10	3.24	3.31	3.29
Indoor unit	Sound power level		dB(A)	65	67	74	80	76
	Available static pressure		daPa	20	25	20	25	25
	Air flow	Nominal	m^3/h	2000	3200	4500	5800	9000
		Min.	m^3/h	1500	2500	3600	4600	7200
		Max	m^3/h	2500	3800	5400	7000	10800
	Waste water	flow	m^3/h	0.58	0.92	1.45	2	2.8
		pressure drop	m^3/h	22	18	42	40	18
	Recycled water	flow	m^3/h	2.1	3.4	4.3	5.8	8.3
		pressure drop	m^3/h	50	70	60	40	56
	Compressor type			Reciprocating	Reciprocating	Reciprocating	Reciprocating	Reciprocating
	Cooling circuit			1	1	1	1	2
	Air distribution plenum: height[1]			220	260	350	350	400
	Dimensions (WxDxH)		mm	890x430x1540	1000x500x1735	1300x600x1840	1530x600x1840	1715x790x1970
	Weight		kg	151	199	305	380	565
Power supply 3-400V-50Hz	**Part number** (with pressostatic water valve)			**7XU012025**	**7XU012028**	**7XU012029**	**7XU012030**	**7XU012031**
	Part number (without pressostatic water valve)			-	-	**7XU012047**	**7XU012048**	**7XU012064**
Power supply 3~400V-50Hz	Power cable section		mm^2	5x1.5	5x1.5	5x2.5	5x2.5/5x4	5x6
	Fuse rating am		A	3x10	3x12	3x20	3x20	3x32

[1] Plenum in accessories

ACCESSORIES		X 1100 AO	X 1900 AO	X 2450 AO	X 3250 AO	X 4650 AO
Combined ON/OFF switch and room thermostat[1]	Part number	7ACEL0041	7ACEL0041	7ACEL0032	7ACEL0032	7ACEL0032
"High Ventilation"	Part number	7ACVF0023	7ACVF0024	-	-	-
Sum heating resistance	Part number	7ACEL0029	included	-	-	-
Remote fault reporting kit	Part number	-	-	7ACEL0072	7ACEL0072	7ACEL0071
Body work accessories						
Air distribution duct frame	Part number	7ACVF0101	7ACVF0102	7ACVF0050	7ACVF0051	7ACVF0052
Total rear air intake duct frame	Part number	7ACVF0041	7ACVF0104	-	-	-
Front air distribution plenum	Part number	7ACVF0105	7ACVF0106	7ACVF0108	7ACVF0109	7ACVF0110
New air intake	Part number	7ACVF0047	7ACVF0047	-	-	-

[1] Combined to be mounted in ambiance.

HAN

ROOFTOP UNITS

7 Heat Pump models
From 9.6 kW to 30.5 kW

HAN 10-13-15-17-19-25-31

PRODUCT ADVANTAGES

- Weather resistance casing with external panels and drain pan coated with powder-based epoxy paint (RAL 9001).
- Base rail with forklift slots to facilitate transportation and handling.
- Technical compartment independent from airstreams allowing service works to be performed without disturbing the unit operation.
- High EER and environmentally friendly refrigerant R410A with zero ODP (Ozone Depleting Potential).
- High efficiency scroll compressor with crankcase heater.
- Condenser coils with hydrophilic coated fins to improve removal of water droplets during defrost cycles .
- Standard microprocessor based control by CAC CONTROLLER.
- Optional programmable controller RCW2 to control up to 15 units with independent set points and programming.
- Factory fitted low ambient temperature control (optional) to ensure cooling operation down to -10°C outdoor temperature.
- G2 synthetic air filter and duct mounted electric heater supplied as option for field installation.

RCW2

HAN

			HAN 10	HAN 13	HAN 15	HAN 17	HAN 19	HAN 25	HAN 31
Cooling	Cooling Capacity	kW	9.8	13.0	14.5	16.8	18.9	25.4	31.0
	Power input	kW	3.7	4.5	4.9	6.0	6.5	8.3	10.0
	EER		2.64	2.88	2.95	2.8	2.9	2.95	3.1
	Outdoor temperature operating limits[1]	°C	15/50°C	15/50°C	15/50°C	15/50°C	15/50°C	15/50°C	15/50°C
Heating	Heating Capacity	kW	9.6	12.1	14.2	15.8	19.0	24.2	30.5
	Input power	kW	3.0	4.3	4.5	5.7	6.0	8.8	9.5
	COP		3.2	2.8	3.1	2.7	3.1	2.75	3.2
	Outdoor temperature operating limits[1]	°C	-10/24°C	-10/24°C	-10/24°C	-10/24°C	-10/24°C	-10/24°C	-10/24°C
Outdoor unit	Sound power level (Indoor)	dB(A)	79.7	-	79.3	79.3	83.1	84.9	86.4
	Sound power level (Outdoor)	dB(A)	76.1	-	75.0	75.0	72.7	78.2	82.7
	Available static pressure	Pa	90	100	170	160	210	240	250
	Supply Air flow Nominal	m^3/h	1930	2640	2940	3190	3860	4780	5530
	Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Number of compressor		1	1	1	1	1	1	1
	Dimensions (WxDxH)	mm	1115x1150x750	1320x1345x905	1320x1345x905	1320x1345x905	1320x1345x905	1420x1445x1320	1420x1445x1320
	Weight	kg	165	219	223	223	243	320	343
Power supply 3-400V-50Hz	**Part number**		**7HL023001**	**7HL023002**	**7HL023003**	**7HL023004**	**7HL023005**	**7HL023006**	**7HL023007**
Power supply 3-400V-50Hz	**Part number fitted with all seasons kit**		**7HL023008**	**7HL023009**	**7HL023010**	**7HL023011**	**7HL023012**	**7HL023013**	**7HL023014**
Power supply 3~400V-50Hz	Fuse rating am	A	16	16	20	20	25	32	32

[1] Min/Max (without all season kit)

ACCESSORIES		HAN 10	HAN 13	HAN 15	HAN 17	HAN 19	HAN 25	HAN 31
Air filter	Part number	7ACVF0145	7ACVF0481	7ACVF0481	7ACVF0481	7ACVF0481	7ACVF0482	7ACVF0482
Electrical heater	Part number	7ACEL1216	7ACEL1217	7ACEL1217	7ACEL1219	7ACEL1219	7ACEL1219	7ACEL1219
Remote control RCW2	Capacity (W)	6000	9000	9000	12000	12000	12000	12000
	Part number	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212	7ACEL1212

CHILLED WATER & HEAT PUMP Range

With a capacity ranging from 5 kW to 90 kW, the Airwell Chilled Water and Heat Pump Range is one of the most competitive of the market.
Its configurations, perfectly adapted to air/water, water/water, helical or centrifugal requirements, can supply all types of terminal: fan coil; wall; cassettes, ducted units for residential, tertiary and industrial areas.

TECHNOLOGICAL

EXTENSIVE

ECOLOGICAL

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AQUAHEAT ADVANCE

MONOBLOC HEAT PUMPS

3 Models
from 6,73 kW to 15,47 kW

AQUAHEAT
ADVANCE-006
ADVANCE-R-006

AQUAHEAT
ADVANCE-012/016
ADVANCE-R-012/016

PRODUCT ADVANTAGES

- INVERTER Technology
- R410A refrigerant
- Optional DHW production
- Designed to fit with a new heating installation or an existing one, in conjunction with a boiler
- Low starting intensity thanks to the Inverter compressor
- Reduced overall dimensions
- COP (coefficient of performance) superior to 4
- Heating mode operating down to outdoor temperature of -20°C
- Low operating sound level
- Optimized access to the components eases the installation and the maintenance
- Inverter regulation with water law ensures comfort and optimum COP
- Optional ambiance terminal with timer, wired or wireless

THE AQUAHEAT ADVANCE IN A FEW WORDS

- 3 sizes available: 6.7 kW - 10.8 kW - 15.5 kW
- COP (outdoor temperature 7°C, water system 30/35°C) : 4.19 - 4.03 - 4.16
- COP (outdoor temperature 2°C, water system 30/35°C) > 3.1, complying with the ECO LABEL norm
- Single-phased power voltage
- Plates heat exchanger
- Designed and optimized for heating
- Adapted to the markets of new housing (ADVANCE) and renovation (ADVANCE-R)
- Leaving water temperature up to +55°C in heating mode, down to outside temperature of -2°C
- Optional domestic hot water (300 L DHW tank)
- Optional wired or wireless ambient terminal

AQUAHEAT ADVANCE

	Unités Extérieures		ADVANCE-006	ADVANCE-012	ADVANCE-016
Capacity	**Water system at 30/35°C**				
	Heating capacity at 7°C, water system at 30/35°C*	kW	**6.73** (from 3.92 to 8.80 kW)	**10.76** (from 5.68 to 12.95 kW)	**15.47** (from 7.66 to 19.08 kW)
	Power input at 7°C*	kW	1.71	2.80	3.88
	COP*		**4.19**	**4.03**	**4.16**
	Heating capacity at outside temperature of 2°C	kW	4.96 (from 2.59 to 7.25 kW)	8.56 (from 4.52 to 10.87 kW)	11.77 (from 5.66 to 14.20 kW)
	Power input at outside temperature of 2°C*	kW	1.58	2.64	3.59
	COP at outside temperature of 2°C*		3.15	3.24	3.28
	Heating capacity at outside temperature of 7°C	kW	3.70 (max 5.60 kW)	6.90 (max 8.86 kW)	9.08 (max 11.16 kW)
	Power input at outside temperature of -7°C*	kW	1.63	2.77	3.77
	COP at outside temperature of -7°C*		2.44	2.60	2.51
	Outdoor temperature operating limits	°C	-20°C	-20°C	-20°C
	Min/max water leaving temperature	°C	25°C/55°C	25°C/55°C	25°C/55°C
Hydraulic connection	Water flow	m^3/h	1.17	1.86	2.60
	Water exchanger		Plates	Plates	Plates
	Water inlet	inches	1" female	1" female	1" female
	Water outlet	inches	1" female	1" female	1" female
	Expansion tank (depending on the version)	liters	3	5	5
Pipe line	Refrigerant type		R410A	R410A	R410A
	Refrigerant load	kg	2.0	2.9	3.6
	Compressor		Rotary DC Inverter	Scroll DC Inverter	Scroll DC Inverter
	Pressure regulator		Electronic	Electronic	Electronic
Outdoor unit	Sound pressure at 5m in open space (directivity 2)	dB(A)	41.5	43	43.5
	Sound power level	dB(A)	63.5	65	65.5
	Weight	kg	125	175	185
	Dimensions (WxDxH)	mm	1232x401x905	1232x401x1307	1232x401x1307
Power supply	Electrical supply point (depending on the version)	kW	4 (2+2)	6 (2+4)	6 (2+4)
	Input voltage		230V/1P/50 Hz	230V/1P/50 Hz	230V/1P/50 Hz
	Power cable (with/without electrical supply point)	mm^2	3x10/3x2.5	3x16/3x4	3x16/3x6
	General protection fuse rating (with/without electrical supply point)	A	40/25	63/32	63/32
	Part number ADVANCE Model		**70G013050**	**70G013054**	**70G013058**
	Part number ADVANCE-R Model		**70G013053**	**70G013057**	**70G013061**
	Wired wall mounted remote control		**7ACEL1592**	**7ACEL1592**	**7ACEL1592**
	Wireless wall mounted remote control		**7ACEL1593**	**7ACEL1593**	**7ACEL1593**

* according to EN 14511 norm

ACCESSOIRES		ADVANCE-006	ADVANCE-012	ADVANCE-016
Accessories for heating installation				
Stop valve with pressure tap	Référence	7ACFH0423	7ACFH0423	7ACFH0423
Flexible pipe 1"MF 1 meter	Référence	7ACFH0422	7ACFH0422	7ACFH0422
140 litres water tank	Référence	7ACFH0663	7ACFH0663	7ACFH0663
Unit support with anti-vibration system	Référence	7ACTL0472	7ACTL0472	7ACTL0472
Decantation and mud filter	Référence	7ACFH0666	7ACFH0666	7ACFH0666
Hydraulic connecting kit with 3 ways	Référence	7ACFH0490	7ACFH0490	7ACFH0490
Hydraulic connecting kit without 3 ways	Référence	7ACFH0491	7ACFH0491	7ACFH0491
3 ways zone valve only	Référence	7ACFH0543	7ACFH0543	7ACFH0543
Domestic hot water accessories				
300 liters domestic water tank	Référence	7ACFH0662	7ACFH0662	7ACFH0662
3 ways stop valve DHW management	Référence	7ACFH0543	7ACFH0543	7ACFH0543

AQUAHEAT ADVANCE SPLIT

SPLIT SYSTEM HEAT PUMPS

4 Models
from 5.3 kW to 14.5 kW

Outdoor unit 005

AQUAHEAT ADVANCE SPLIT
Indoor unit

Outdoor unit 008

Outdoor unit 012 & 014

PRODUCT ADVANTAGES

- INVERTER technology
- R410A refrigerant
- 2 versions available: heating only / reversible
- Optional domestic hot water production
- Designed to fit with a new heating installation or an existing one, in conjunction with a boiler
- Up to 12m pipe length between indoor and outdoor units.
- Low starting intensity thanks to the Inverter compressor.
- Reduced cluttering overal dimensions.
- Control of all the parameters thanks to a big display on the indoor unit.
- COP (coefficient of performance) superior to 4
- Heating mode operating down to outdoor temperatures of -15° C.
- Leaving water temperature up to +55° C in heating mode.
- Low operating sound level
- Optimized access to the components eases the installation and the maintenance
- Inverter regulation with water law ensures comfort and optimum COP

THE AQUAHEAT ADVANCE SPLIT IN A FEW WORDS

- 4 sizes available: 5.3 kW - 8.1 kW - 12 kW - 14.5 kW
- COP (outdoor temperature 7°C, water system 30/35°C): 4.25 - 4.1 - 4.4 - 4.3
- COP (outdoor temperature 2°C, water system 30/35°C) > 3,1 , complying with the ECO LABEL certification
- Single-phase power voltage
- Plates heat exchanger
- Adapted to the markets of new housing and renovation
- Heating mode operating down to outdoor temperatures of -15°C.
- Leaving water temperature up to +55°C in heating mode, down to outdoor temperature of -15°C
- Silent running from 37 dB(A) to 42 dB(A)
- Optional domestic hot water
- Optional wired room thermostat

AQUAHEAT ADVANCE SPLIT

	Outdoor units		ADVANCE SPLIT 005	ADVANCE SPLIT 008	ADVANCE SPLIT 012	ADVANCE SPLIT 014
Capacity	**Water system at 30/35°C**					
	Heating capacity at 7°C, water system at 30/35°C (1)	kW	**5.3** (from 1.2 to 5.7 kW)	**8.1** (from 2 to 9.5 kW)	**12** (from 5.3 to 13.5 kW)	**14.5** (from 6 to 16 kW)
	COP *		**4.25**	**4.10**	**4.40**	**4.30**
	Heating capacity at outside temperature of 2°C	kW	3.50	6.20	9.00	11.00
	COP at outside temperature of 2°C*		3.15	3.20	3.25	3.20
	Heating capacity at outside temperature of -7°C	kW	3.5 kW	5.89 kW	8.91 kW	9.41 kW
	COP at outside temperature of -7°C*		2.65	2.32	2.55	2.50
	Outdoor temperature operating limits	°C	-15°C	-15°C	-15°C	-15°C
	Min/max water leaving temperature	°C	25°C/55°C	25°C/55°C	25°C/55°C	25°C/55°C
Modules	Sound pressure at 5 m (directivity 2)	dB(A)	37	40	41	42
	Sound power level	dB(A)	59	62	63	64
	Compressor type		Rotary DC Inverter	Twin Rotary DC Inverter	Scroll DC Inverter	Scroll DC Inverter
	Weight of the outdoor module	kg	39	64.5	110	110
	Dimensions of the outdoor module (WxDxH)	mm	870x290x610	1040x340x865	900x340x1255	900x340x1255
	Weight of the indoor module	kg	30	30	35	35
	Dimensions of the indoor module (WxDxH)	mm	480x360x850	480x360x850	480x360x850	480x360x850
	Electrical supply point	kW	9 (3 levels)	9 (3 levels)	9 (3 levels)	9 (3 levels)
	Heat exchanger type		Plate	Plate	Plate	Plate
Hydraulic connection	Water inlet	inches	1 1/4"	1 1/4"	1 1/4"	1 1/4"
	Water outlet	inches	1 1/4"	1 1/4"	1 1/4"	1 1/4"
	Expansion tank	liters	10	10	10	10
Pipe line	Suction pipe diameter	inches	7/8	7/8	7/8	7/8
	Liquid pipe diameter	inches	5/8	5/8	5/8	5/8
	Max length	m	25	30	30	30
	Max height	m	10	15	15	15
	Part number ADVANCE SPLIT Model		**7SP022869P1**	**7SP022869P2**	**7SP022871P1**	**7SP022871P2**
	Part number ADVANCE SPLIT-R Model		**7SP022870P1**	**7SP022870P2**	**7SP022872P1**	**7SP022872P2**
	Wired wall mounted remote control		**7ACEL1598**	**7ACEL1598**	**7ACEL1598**	**7ACEL1598**

(1) Heating capacity for outdoor temperature of 7°C, water system at 30/35°C

* according to EN 14511 norm

ACCESSORIES		ADVANCE SPLIT 005	ADVANCE SPLIT 008	ADVANCE SPLIT 012	ADVANCE SPLIT 014
Accessories for heating installation					
Stop valve with pressure tap	Référence	7ACFH0423	7ACFH0423	7ACFH0423	7ACFH0423
Flexible pipe 1"MF 1 meter	Référence	7ACFH0422	7ACFH0422	7ACFH0422	7ACFH0422
140 litres water tank	Référence	7ACFH0663	7ACFH0663	7ACFH0663	7ACFH0663
Unit support with anti-vibration system	Référence	7ACTL0472	7ACTL0472	7ACTL0472	7ACTL0472
Decantation and mud filter	Référence	7ACFH0666	7ACFH0666	7ACFH0666	7ACFH0666

PAC+

AIR-TO-WATER PACKAGED HEAT PUMPS

3 Models
From 8.1 kW to 14.1 kW

OUTDOOR UNIT **PAC+ 08-10-12**

PRODUCT ADVANTAGES

- "Ready for use", monobloc heat pumps with integrated hydro kit designed to fit with new heating installation.
- Corrosion-proof casing coated with oven-baked epoxy paint.
- Compatible with heating floors, radiators or water terminal units.
- Hydro kit complete with circulating pump, flow switch, expansion tank, automatic bleed valve, pressure gauge, safety valve, water filling/drain valve and extra electric heating resistances.
- Cooling and heating modes : however, units are optimized for heating operation.
- Leaving water temperature up to +55 °C in heating mode.
- Operation with outdoor temperature down to -15 °C with standard Scroll compressors and to -20 °C with optional high performance ones.
- Coaxial heat exchanger to reduce clogging.
- Outdoor coil with hydrophilic coated fins to ease condensation water runoff during defrost cycles.
- Full of safety functions with the aid of electrical, refrigerant and water components : protection fuses or circuit breaker, soft starter for single-phase units, phase controller for 3-phase units, power disconnect switch, HP/LP pressostats, water flow switch and 4 temperature sensors (return water, leaving water, outdoor coil and outdoor air).
- Electronic controller ensures comfort and optimum COP with the use of room thermostat and return water temperature control system in relation to outdoor temperature (law of water).
- Several options and accessories : high performance Scroll compressors, compressor soundproofing, copper/copper outdoor coil, water shut-off valves, set of hoses, insulated buffer tank, water filter.
- Designed to power heated flooring, radiators or water terminal units.
- Built-in 6 kW electrical supply point.
- Safety power-off switch.
- Built-in 5 l expansion tank.
- Supplied with room thermostat.

ACCESSORIES		PAC+ 08	PAC+ 10	PAC+ 12
Stop valves with pressure connectors	7ACFH0423	*	*	*
Flexible kit 1" MF lg. 1 m	7ACFH0422	*	*	*
Water filter	7ACFH0278	*	*	*
Room Thermostat	7ACEL1406	*	*	*

* Available

PAC+

	Outdoor units		PAC+ 08	PAC+ 10	PAC+ 12
Water system at 30/35°C					
Heating	Capacity at outside temp. of 7°C	kW	8.1	11.2	14.1
	Power input	kW	2.3	3.1	3.9
	COP		3.53	3.6	3.63
	Capacity at outside temp. of 2°C*	kW	6.2	8.1	10.0
	Power input at outside temp. of 2°C	kW	2.3	3.0	3.6
	Capacity at outside temp. of -7°C*	kW	5.1	7.2	8.7
	Power input at outside temp. of -7°C	kW	2.3	3.1	3.7
	Nominal water flow	m^3/h	1.43	1.97	2.52
	Available hydraulic pressure (HS)	kPa	48	33	51
	Outdoor temperature operating limits	°C	-15°C	-15°C	-15°C
	Min./max water leaving temperature	°C	25°C/ 55°C	25°C/ 55°C	25°C/ 55°C
Cooling	Capacity at air temp. 35°C, water temp. 18/23°C	kW	7.2	8.9	9.8
	Power input	kW	2.5	3.7	4.5
	EER		2.64	2.42	2.21
	Outdoor temperature operating limits	°C	20°C/45°C	20°C/45°C	20°C/45°C
	Min./max water leaving temperature	°C	7°C/18°C	7°C/18°C	7°C/18°C
Water system at 40/45°C					
Heating	Capacity at outside temp. of 7°C	kW	7.7	10.7	13.6
	Power input	kW	2.8	3.8	4.6
	Heating capacity at outside temp. of -7°C*	kW	5.1	6.9	9.1
	Power input at outside temp. of -7°C	kW	2.8	3.7	4.5
	Nominal water flow	m^3/h	1.36	1.90	2.43
	Available hydraulic pressure (HS)	kPa	50	38	55
	Outdoor temperature operating limits	°C	-15°C	-15°C	-15°C
	Min./max water leaving temperature	°C	25°C/55°C	25°C/55°C	25°C/55°C
Cooling	Capacity at air temp. 35°C, water temp. 7/12°C	kW	5.6	7.7	7.1
	Power input	kW	2.5	3.6	4.2
	Sound pressure level at 5 m in open space**	dB(A)	39	39	39
	Sound power level**	dB(A)	64	64	64
	Compressor type		Scroll	Scroll	Scroll
	Weight	kg	180	183	188
	Dimension (WxDxH)	mm	1150x401x1309	1150x401x1309	1150x401x1309
	Electrical heater capacity	kW	6 (2+4)	6 (2+4)	6 (2+4)
	Heat exchanger type		Coaxial	Coaxial	Coaxial
Pipe line	Water inlet	inches	1" female	1" female	1" female
	Water outlet	inches	1" female	1" female	1" female
	Expansion tank	litres	5	5	5
Power supply 1~230V-50Hz	Power cable	mm^2	3x10	3x16	3x16
	Main fuse	A	63	63	63
Power supply 3N~400V-50Hz	Power cable	mm^2	-	5x4	5x4
	Main fuse	A	-	25	32
Power supply 1~230V-50Hz	**Part number with ZR compressor**		**7OG012231**	**7OG012233**	**7OG012237**
Power supply 3N~400V-50Hz	**Part number with ZR compressor**		**7OG012243**	**7OG012234**	**7OG012238**

* Value includes defrosting.

** Sound level of units equipped with sound insulation on compressor (supplied as standard). Add 3 dB(A) if this insulation is removed.

PAC+ R

AIR-TO-WATER PACKAGED HEAT PUMPS

3 Models heating only
From 8.1 kW to 14.1 kW

OUTDOOR UNIT **PAC+ R 08-10-12**

Programmable room thermostat (option)

Regulation kit (option)

PRODUCT ADVANTAGES

- "Ready for use", monobloc heat pumps with integrated hydro kit designed to fit with heating installation.
- Corrosion-proof casing coated with oven-baked epoxy paint.
- Compatible with heating floors, radiators or water terminal units.
- Hydro kit complete with circulating pump, flow switch, automatic bleed valve, pressure gauge, safety valve and water filling/drain valve.
- Leaving water temperature up to +55 °C.
- Operation with outdoor temperature down to -15 °C with standard Scroll compressors and to -20 °C with optional high performance ones.
- Coaxial heat exchanger to reduce clogging.
- Outdoor coil with hydrophilic coated fins to ease condensation water runoff during defrost cycles.
- Full of safety functions with the aid of electrical, refrigerant and water components : protection fuses or circuit breaker, soft starter for single-phase units, phase controller for 3-phase units, power disconnect switch, HP/LP pressostats, water flow switch and 4 temperature sensors (return water, leaving water, outdoor coil and outdoor air).
- Electronic controller ensures comfort and optimum COP with the use of room thermostat and return water temperature control system in relation to outdoor temperature (law of water).
- Several options and accessories : high performance Scroll compressors, compressor soundproofing, copper/copper outdoor coil, water shut-off valves, set of hoses, insulated buffer tank, water filter.
- Designed to operate in heating mode only and to fit with existing heating installation in conjunction with a boiler.
- Optional hydraulic connection kit with 3-way valves.

ACCESSORIES		PAC+ R 08	PAC+ R 10	PAC+ R 12
Stop valves with pressure connectors	7ACFH0423	*	*	*
Flexible kit 1" MF lg. 1 m	7ACFH0422	*	*	*
Water filter	7ACFH0278	*	*	*
Room Thermostat	7ACEL1406	*	*	*
Programming key kit for underfloor heating ZR Compressor	7ACEL1485	*	*	*
Programming key kit for radiator ZR Compressor	7ACEL1486	*	*	*

* Available

PAC+ R

	Outdoor units		PAC+ R 08	PAC+ R 10	PAC+ R 12
Water system at 30/35°C					
Heating	Capacity at outside temp. of 7°C	kW	8.1	11.2	14.1
	Power input	kW	2.3	3.1	3.9
	COP		3.53	3.6	3.63
	Capacity at outside temp. of 2°C*	kW	6.2	8.1	10.0
	Power input at outside temp. of 2°C	kW	2.3	3.0	3.6
	Capacity at outside temp. of -7°C*	kW	5.1	7.2	8.7
	Power input at outside temp. of -7°C	kW	2.3	3.1	3.7
	Nominal water flow	m^3/h	1.43	1.97	2.52
	Available hydraulic pressure (HS)	kPa	48	33	51
	Outdoor temperature operating limits	°C	-15°C	-15°C	-15°C
	Min./max water leaving temperature	°C	25°C/ 55°C	25°C/ 55°C	25°C/ 55°C
Water system at 40/45°C					
Heating	Capacity at outside temp. of 7°C	kW	7.7	10.7	13.6
	Power input	kW	2.8	3.8	4.6
	Heating capacity at outside temp. of -7°C*	kW	5.1	6.9	9.1
	Power input at outside temp. of -7°C	kW	2.8	3.7	4.5
	Nominal water flow	m^3/h	1.36	1.90	2.43
	Available hydraulic pressure (HS)	kPa	50	38	55
	Outdoor temperature operating limits	°C	-15°C	-15°C	-15°C
	Min./max water leaving temperature	°C	25°C/55°C	25°C/55°C	25°C/55°C
	Sound pressure level at 5 m in open space**	dB(A)	39	39	39
	Sound power level**	dB(A)	64	64	64
	Compressor type		Scroll	Scroll	Scroll
	Weight	kg	180	183	188
	Dimension (WxDxH)	mm	1150x401x1309	1150x401x1309	1150x401x1309
	Heat exchanger type		Coaxial	Coaxial	Coaxial
Pipe line	Water inlet	inches	1" female	1" female	1" female
	Water outlet	inches	1" female	1" female	1" female
Power supply 1~230V-50Hz	Power cable	mm^2	3x2.5	3x4	3x6
	Main fuse	A	20	25	32
Power supply 3N~400V-50Hz	Power cable	mm^2	-	5x2.5	5x2.5
	Main fuse	A	-	16	16
Power supply 1~230V-50Hz	**Part number with ZR compressor**		**7OG012232**	**7OG012235**	**7OG012239**
Power supply 3N~400V-50Hz	**Part number with ZR compressor**		**7OG012249**	**7OG012236**	**7OG012240**

* Value includes defrosting.

** Sound level of units equipped with sound insulation on compressor (supplied as standard). Add 3 dB(A) is this insulation if removed.

ACCESSORIES		PAC+ R 08	PAC+ R 10	PAC+ R 12
Hydraulic connexion kit with 3 ways valve	7ACFH0490	*	*	*
Hydraulic connexion kit without 3 ways valve	7ACFH0491	*	*	*
3 ways zone valve only	7ACFH0543	*	*	*
Regulation kit with ambient thermostat	7ACFH0492	*	*	*
Regulation kit with wireless thermostat	7ACEL1429	*	*	*

* Available

PAC HT

HIGH TEMPERATURE HEAT PUMPS

3 Models heating only
From 6.5 kW to 8.9 kW

OUTDOOR UNIT **PAC HT 12-6/14-7/18-9**

SANITARY HOT WATER 300 L KIT*

* Options

PERFORMANCE AND EFFICIENCY

- Hot water supply of 65°C even at -20°C outdoor ambient temperature without support of electrical heater.
- The only appliance that guarantees the same performance at +7°C and -7°C.
- High performance and operation at up to -20°C outdoor temperature with dual compressor technology.
- Exceptionally high coefficient of performance (COP) of up to 4.12.

COMFORT

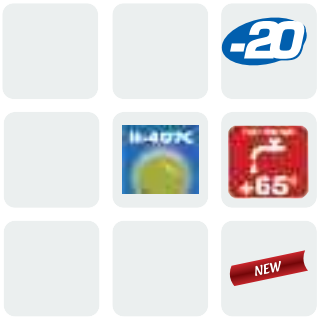
- Solution optimised for comfort.
- Quiet operation.
- Optimum performance with SCROLL compressors enabling a large operating limit and low consumption.
- Electronic control board and thermostats let you adjust the temperature to the level you want.
- Clean energy - no waste or pollution

SIMPLICITY

- All-in-one system guarantees heating and clean hot water (with optional kit).
- Quick and inexpensive to install and maintain, boiler replaced without specific modification to your existing installation.
- Thermodynamic production and management of domestic hot water (DHW) with anti-legionella treatment (with optional kit).

ACCESSOIRES		PAC HT 12-6	PAC HT 14-7	PAC HT 18-9
Stop valves with pressure connectors	7ACFH0423	*	*	*
Flexible kit 1" MF log. 1 m	7ACFH0422	*	*	*
3 ways zone valve only	7ACFH0543	*	*	*
ECS 300 l Kit (sanitary hot water)	7ACFH0662	*	*	*
140 L water tank	7ACFH0663	*	*	*

* Disponible



PAC HT

	Outdoor units		PAC HT 12-6	PAC HT 14-7	PAC HT 18-9
Outdoor temperature 7°C					
Heating	Single compressor heating capacity/water system 30/35°C	kW	6.5	7.9	8.9
	Power input	kW	1.7	2.0	2.2
	COP		3.84	3.99	4.12
	Single compressor heating capacity/water system 40/45°C	kW	6.2	7.5	8.4
	Power input	kW	2.0	2.3	2.5
	COP		3.14	3.23	3.36
	Dual compressor heating capacity/water system 40/45°C	kW	12.0	14.3	17.9
	Power input	kW	4.4	4.9	6.1
	COP		2.73	2.9	2.93
Outdoor temperature 2°C					
Heating	Dual compressor heating capacity/water system 50°C	kW	10.4	12.4	15.4
	Power input	kW	4.4	4.9	6.1
	COP*		2.37	2.5	2.52
Outdoor temperature 0°C					
Heating	Dual compressor heating capacity/water system 65°C	kW	10.0	12.0	14.8
	Power input	kW	5.1	6.0	7.3
	COP*		1.96	2.0	2.03
Outdoor temperature -7°C					
Heating	Dual compressor heating capacity/water system 65°C	kW	8.9	10.7	13.1
	Power input	kW	4.7	5.6	6.6
	COP*		1.87	1.91	1.98
Outdoor temperature -15°C					
Heating	Dual compressor heating capacity/water system 65°C	kW	7.3	9.3	11.4
	Power input	kW	4.2	5.3	6.0
	COP*		1.75	1.76	1.88
Outdoor temperature -20°C					
Heating	Dual compressor heating capacity/water system 65°C	kW	6.3	8.5	10.5
	Power input	kW	3.8	5.0	5.7
	COP*		1.66	1.7	1.85
	Nominal water flow	m^3/h	1.03	1.23	1.48
	Available hydraulic pressure (HS)	kPa	52	50	48
	Outdoor temperature operating limits	°C	-20°C	-20°C	-20°C
	Min./max water leaving temperature	°C	25°C/65°C	25°C/65°C	25°C/65°C
	Sound pressure level at 5 m in open space	dB(A)	42	42	42
	Sound power level	dB(A)	67	67	67
	Compressor type		2 Scroll compressors	2 Scroll compressors	2 Scroll compressors
	Weight	kg	195	201	208
	Dimension (WxDxH)	mm	1150x401x1309	1150x401x1309	1150x401x1309
	Heat exchanger type		Plates	Plates	Plates
Pipe line	Water inlet	inches	1"F	1"F	1"F
	Water outlet	inches	1"F	1"F	1"F
Power supply 1~230V-50Hz	Power cable	mm^2	3x6	3x6	-
	Main fuse	A	32	32	-
Power supply 3N~400V-50Hz	Power cable	mm^2	5x2.5	5x2.5	5x2.5
	Main fuse	A	16	16	16
Power supply 1~230V-50Hz	**Part number**		**7OG013001**	**7OG013003**	-
Power supply 3N~400V-50Hz	**Part number**		**7OG013002**	**7OG013004**	**7OG013005**
	Wired wall mounted remote control		**7ACEL1592**	**7ACEL1592**	**7ACEL1592**
	Wireless wall mounted remote control		**7ACEL1593**	**7ACEL1593**	**7ACEL1593**

* Value includes defrosting.

ACCESSORIES		PAC HT 12-6	PAC HT 14-7	PAC HT 18-9
Electrical heater 6kW	7ACFH0665	*	*	*
Remove sensor	7ACEL1533	*	*	*
Rubber pad (pair)	7ACTL0472	*	*	*
Decanting filter	7ACFH0666	*	*	*
Tri-phase softstarter	7ACEL1535	-	*	Series

* Available
\- Not available

SPH/SPH-R

AIR-TO-WATER SPLIT HEAT PUMPS

3 Heat Pump models from 8.1 kW to 14.1 kW

SPH/SPH-R 08-10-12

PRODUCT ADVANTAGES

- Compatible with chilled indoor units and heating floor.
- Scroll compressor.
- Phase controller.
- Softstarter.
- HP-LP pressostats.
- Coaxial heat exchanger.
- Circulation pump.
- Expansion tank 5L (SPH).
- Disconnecting switch.
- Room thermostat. (SPH)
- Heating mode operation down to outdoor -15°C.
- Water outlet temperature range 25/55°C.
- Chargeless up to 8 meters between indoor and outdoor units.
- Low noise fan.

	ACCESSORIES		SPH/SPH-R 08	SPH/SPH-R 10	SPH/SPH-R 10
	Stop valves with pressure connectors	Part number	7ACFH0423	7ACFH0423	7ACFH0423
	Flexible kit 1" MF log. 1 m	Part number	7ACFH0422	7ACFH0422	7ACFH0422
	Buffer tank 140 L	Part number	7ACFH0663	7ACFH0663	7ACFH0663
	Water filter	Part number	7ACFH0278	7ACFH0278	7ACFH0278
	Room Thermostat (SPH-R only)	Part number	7ACEL1406	7ACEL1406	7ACEL1406
SPH-R only	Programing key kit for underfloor heating ZR	Part number	7ACEL1485	7ACEL1485	7ACEL1485
SPH-R only	Programing key kit for radiator ZR	Part number	7ACEL1486	7ACEL1486	7ACEL1486
SPH-R only	Hydraulic connexion kit with 3 ways valve	Part number	7ACFH0490	7ACFH0490	7ACFH0490
SPH-R only	Hydraulic connexion kit without 3 ways valve	Part number	7ACFH0491	7ACFH0491	7ACFH0491
SPH-R only	3 ways zone valve only	Part number	7ACFH0543	7ACFH0543	7ACFH0543
SPH-R only	Regulation kit with ambient thermostat	Part number	7ACFH0492	7ACFH0492	7ACFH0492
SPH-R only	Regulation kit with wireless thermostat	Part number	7ACEL1429	7ACEL1429	7ACEL1429

SPH/SPH-R

			SPH/SPH-R 08	SPH/SPH-R 10	SPH/SPH-R 12
Heating/Cooling floor application					
Heating	Capacity[1]	kW	8.1	11.2	14.1
	Input power*	kW	2.3	3.1	3.9
	COP		3.53	3.60	3.63
	Capacity at - 7°C	kW	5.1	7.2	8.7
	Input power at - 7°C	kW	2.3	3.1	3.7
	Water flow (Heating)	m^3/h	1.43	1.97	2.52
	Available pressure (HS)	kPa	41	26	59
	Outdoor temperature operating limits (min/max)	°C	-15°C/20°C	-15°C/20°C	-15°C/20°C
	Outlet water temperature (min/max)	°C	25°C/55°C	25°C/55°C	25°C/55°C
Cooling	Capacity[3] - SPH only	kW	7.2	8.9	9.8
	Input power	kW	2.5	3.7	4.5
	EER		2.84	2.42	2.21
	Outdoor temperature operating limits (min/max)	°C	20°C/45°C	20°C/45°C	20°C/45°C
	Outlet water temperature (min/max)	°C	7°C/18°C	7°C/18°C	7°C/18°C
Radiator and fan coils units application					
Heating	Capacity[2]	kW	7.7	10.7	13.6
	Capacity at - 7°C	kW	5.1	6.9	9.1
	Input power at - 7°C	kW	2.8	3.7	4.5
	Water flow (Heating)	m^3/h	1.36	1.90	2.43
	Available pressure (HS)	kPa	45	29	60
	Outdoor temperature operating limits (min/max)	°C	-15°C/20°C	-15°C/20°C	-15°C/20°C
	Outlet water temperature (min/max)	°C	25°C/55°C	25°C/55°C	25°C/55°C
Cooling	Capacity[4] - SPH only	kW	5.6	7.7	7.1
Outdoor unit	Sound pressure level at 5 m (Outdoor unit)	dB(A)	42	42	42
	Sound pressure level at 5 m (Indoor unit)	dB(A)	34	34	34
	Airflow	m^3/h	6000	6000	6000
	Number of fan		2	2	2
	Exchanger type		Coaxial	Coaxial	Coaxial
	Water circuit Inlet	Inches	1" female	1" female	1" female
	Water circuit Outlet	Inches	1" female	1" female	1" female
	Electric heater 2 stages (Only SPH model)	kW	6 (4+2)	6 (4+2)	6 (4+2)
	Compressor type		Scroll	Scroll	Scroll
	Number of compressor		1	1	1
	Dimensions (WxDxH) - Indoor unit	mm	600x600x1232	600x600x1232	600x600x1232
	Dimensions (WxDxH) - Outdoor unit	mm	1000x400x1310	1000x400x1310	1000x400x1310
	Weight (Indoor unit)	kg	115	128	133
	Weight (Oudoor unit)	kg	90	90	98
Power supply 2~230V-50Hz	Power cable section (SPH/SPH-R)**	mm^2	3x10/3x2.5	3x16/3x4	3x16/3x6
	Fuse rating am (SPH/SPH-R)	A	50/20	63/25	63/32
Power supply 3~400V-50Hz	Power cable section (SPH/SPH-R)**	mm^2	5x2.5/5x2.5	5x4/5x2.5	5x4/5x2.5
	Fuse rating am (SPH/SPH-R)	A	20/12	20/16	25/16
Pipe line	Suction pipe diameter	inches	3/4	3/4	7/8
	Liquid pipe diameter	inches	1/2	1/2	1/2
	Max lenght	m	30	30	30
	Max height	m	3.5	3.5	3.5
	PAC SPH - Heat Pump Model				
Power supply 2~230V-50Hz	**Part number with ZR compressor**		**7OG151001**	**7OG152003**	**7OG151007**
Power supply 3~400V-50Hz	**Part number with ZR compressor**		**7OG151012**	**7OG151004**	**7OG151008**
	PAC SPH-R - Relief of oil Burner Model				
Power supply 2~230V-50Hz	**Part number with ZR compressor**		**7OG151002**	**7OG151005**	**7OG151009**
Power supply 3~400V-50Hz	**Part number with ZR compressor**		**7OG151018**	**7OG151006**	**7OG151010**

[1] Heating capacity for air temperature 7°C, water temperature 30/35°C./[2] Heating capacity for air temperature 7°C, water temperture 40/45°C.
[3] Cooling capacity for air temperature 35°C, water temperature 23/18°C./[4] Cooling capacity for air temperature 35°C, water temperature 12/7°C./* with deicing.
**** These values are given as an indication, they must be adjusted according to the existing standards: they depend on the installation and choice of the electrical conductors.**

MQH

AIR-TO-WATER REVERSE CYCLE HEAT PUMPS

7 Cooling models
From 5.4 kW to 17.8 kW

7 Heat Pump models
From 6.1 kW to 20.1 kW

OUTDOOR UNIT **MQH 10-12-14-16-18**

OUTDOOR UNIT **MQH 06-08**

PRODUCT ADVANTAGES

- High EER and environmental friendly refrigerant R410A with zero ODP (Ozone Depleting Potential).
- Single-phase unit up to size 10.
- ILTC microprocessor-based auto-adaptive control system allowing the use of reduced water volume (3.5 litres/kW).
- BMS (Building Management System) interface, with ModBus protocol RS-485 connection, supplied as standard.
- Integrated hydro kit complete with circulating pump and appropriate accessories supplied as standard to perform the package solution and the "plug & play" concept. Only external water tank and isolating valves are supplied as option.
- Low ambient temperature control is standard, allowing the unit to operate in cooling mode at outdoor temperature down to -10°C.

POWER & CONTROL PANEL

Each unit is supplied with a compact microprocessor featuring:

- Auto-adaptive coolind ang heating set point.
- Day & Night mode with 3 different selectable mode:
  - Energy saving
  - Low noise
  - Reduced noise
- Auto-test function.
- Fan moto variable speed control.
- Water pump motor on/off control.
- Evaporator antifreeze protection.
- Compressor heater protection.
- Display alarms, save latest 10 alarms record.
- Display water in/out temperature and compressor discharge pressure.
- Remote on/off switch.
- Remote heating/cooling selection mode.
- Under floor system mode. Timer setting and compressor protection.
- Integrated system of fault diagnosis and auto-diagnosis.

SAFETY DEVICE

- Fan motor internal overload protection.
- Compressor motor internal overload protection.
- Water differential pressure switch.
- High discharge pressure switch.
- Low suction pressure switch.
- Evaporator antifreeze electrical heater.
- Crankcase heater.

MQH

	Outdoor units		MQH 06	MQH 08M	MQH 08T	MQH 10M	MQH 10T	MQH 12	MQH 14	MQH 16	MQH 18
Cooling	Cooling Capacity	kW	5.4	7.6	7.6	9.7	9.7	12.1	13.1	15.1	17.8
	Power input (compressor)	kW	1.9	2.6	2.6	3.1	3.1	4.4	4.5	5.6	7
	EER		2.9	2.9	2.9	3.1	3.1	2.8	2.9	2.7	2.6
	Outdoor temp. operating limits (min./max)	°C	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
	Outlet water temperature (min./max)	°C	5/18	5/18	5/18	5/18	5/18	5/18	5/18	5/18	5/18
Heating	Heating Capacity	kW	6.1	8.5	8.5	11.1	11.1	13.8	15.7	17.9	20.1
	Input power	kW	2.1	2.8	2.8	3.4	3.4	4.6	4.9	5.7	6.6
	COP		3	3.1	3.1	3.3	3.3	3.0	3.2	3.1	3.0
	Outdoor temp. operating limits (min./max)	°C	-10/20	-10/20	-10/20	-10/20	-10/20	-10/20	-10/20	-10/20	-10/20
	Outlet water temperature (min./max)	°C	20/50	20/50	20/50	20/50	20/50	20/50	20/50	20/50	20/50
Outdoor unit	Sound pressure level at 5 m	dB(A)	55	57	57	56	56	59	59	59	62
	Sound power level	dB(A)	66	69	69	68	68	70	70	70	72
	Exchanger type		plate	plate	plate	plate	plate	plate	plate	plate	plate
	Water circuit Inlet	inches	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"	1"
	Water circuit Outlet	inches	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"	1"
	Airflow	m^3/h	3650	4500	4500	7300	7300	9000	9000	9000	10600
	Number of fan		1	1	1	2	2	2	2	2	2
	Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
	Number of compressor		1	1	1	1	1	1	1	1	1
	Dimensions (LxWxH)	mm	951x413x863	951x413x863	951x413x863	951x413x1265	951x413x1265	951x413x1265	951x413x1365	951x413x1365	951x413x1365
	Shipping Weight	kg	102	113	113	152	152	165	182	185	189
Power supply 1-230V-50Hz	**Part number**		**9000801A**	**9000809A**	-	**9000808A**	-	-	-	-	-
					-		-	-	-	-	-
Power supply 3-400V-50Hz	**Part number**		-	-	**9000802A**		**9000803A**	**9000804A**	**9000805A**	**9000806A**	**9000807A**
			-	-		-					
Power supply 1~230V-50Hz	Power cable section	mm^2	3x4	3x4		3x4	-	-	-	-	-
	Fuse rating am	A	20	25		32	-	-	-	-	-
Power supply 3~400V-50Hz	Power cable section	mm^2	-	-	5x2.5	-	5x2.5	5x4	5x4	5x4	5x4
	Fuse rating am	A	-	-	12	-	12	16	16	20	25

ACCESSORIES		MQH 06	MQH 08	MQH 10	MQH 12	MQH 14	MQH 16	MQH 18
Stop valves with pressure connectors	Part number	462B200021-034	462B200021-034	462B200021-000	462B200021-000	462B200021-000	462B200021-000	462B200021-000
Buffer tank 15 liters	Part number	462B200102-000	462B200102-000	-	-	-	-	-
Buffer tank 30 liters	Part number	-	-	-	7ACFH0484	7ACFH0484	7ACFH0484	7ACFH0484

CWP-V

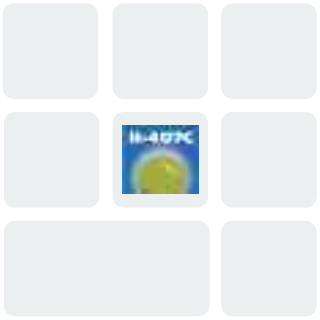
WATER/WATER GEOTHERMAL HEAT PUMPS

4 Heat Pump models from 6.74 kW to 14 kW

CWP-V 02-03-04-05

PRODUCT ADVANTAGES

- Monobloc system.
- "Plug and Play" system.
- Scroll compressor.
- Phase controller.
- Softstarter.
- Plate heat exchanger stainless steel.
- Low temperature for heating floor application.
- Water outlet temperature up to 55°C.
- Electronic regulation.



CWP-V

			CWP-V 02	CWP-V 03	CWP- V 04	CWP-V 05
Heating	Capacity[1]	kW	6.74	8.1	11.4	14
	Input power*	kW	2.2	2.6	3.6	4.3
	COP		3.1	3.1	3.2	3.3
	Outlet hot water temperature (Min/Max)	°C	25/55	25/55	25/55	25/55
	Difference hot water temperature (Min/Max)	°C	4/6	4/6	4/6	4/6
Cooling	Capacity	kW	9.8	11.2	16.9	19.3
	Input power	kW	2.3	2.7	4.1	4.8
	EER		4.3	4.2	4.1	4.0
	Outlet cold water temperature (with Glycol)	°C	5°/18°	5°/18°	5°/18°	5°/18°
	Difference cold water temperature	°C	3°/6°	3°/6°	3°/6°	3°/6°
Indoor unit	Exchanger type		Plate Heat Exchanger Stainless Steel			
	Water circuit Inlet	Inches	1"	1"	1"	1"
	Water circuit Outlet	Inches	1"	1"	1"	1
	Expansion tank	l	1.1	1.1	1.7	1.7
	Electric heater (option)	kW	6	6	6	6
	Compressor type		Scroll	Scroll	Scroll	Scroll
	Number of compressor		1	1	1	1
	Dimensions (WxDxH)	mm	600 x 600 x 1200	600 x 600 x 1200	600 x 600 x 1200	600 x 600 x 1200
	Weight	kg	181	182	192	195
Power supply 2~230V-50Hz	Power cable section*	mm^2	3x4	3x6	3x10	-
	Fuse rating am	A	25	32	50	-
Power supply 3~400V-50Hz	Power cable section*	mm^2	-	5x4	5x4	5x4
	Fuse rating am	A	-	20	25	25
	Basic Models (Heating only/Drawing)		**CWP-V 02**	**CWP-V 03**	**CWP-V 04**	**CWP-V 05**
	To specify with the order : Power supply Single phase -Models 02/03/04) or Three phase (models 03/04/05)		**Configurated products, order form to be fulfilled**			

[1] Nominal heating capacity : inlet/outlet water temperature : 30/35 °C indoor - Water : -2/-5 °C outdoor with 30 % glycol.
[2] Nominal cooling capacity : inlet/outlet water temperature : 23/18 °C indoor - water : 30/35 °C outdoor with 30 % glycol.
* These values are given as an indication, they must be adjusted according to the existing standards: they depend on the installation and choice of the electrical conductors.
BE Careful : Codified products. To specify with the order the model (Reverse cycle/Geothermics or agressive water drawing model), the power supply (Single or three phase), the factory fitted options and accessories.

ACCESSORIES		CWP- V 02	CWP-V 03	CWP-V 04	CWP-V 05
Insulating valves (x2)	Part number	7ACFH0423	7ACFH0423	7ACFH0423	7ACFH0423
Water flexible kit (x2)	Part number	7ACFH0422	7ACFH0422	7ACFH0422	7ACFH0422
Water filter	Part number	7ACFH0278	7ACFH0278	7ACFH0278	7ACFH0278
Softstarter (single phase only)	Part number	7ACFH0487	7ACFH0487	7ACFH0487	-

CWP

WATER COOLED
WATER CHILLED

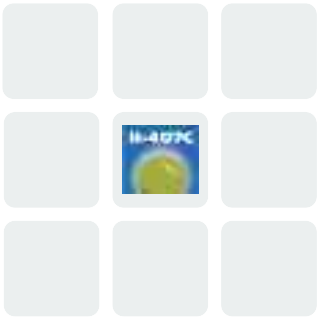
7 Cooling models
From 7.6 kW to 33.7 kW

CWP 02-03-04-05-06-07-09

PRODUCT ADVANTAGES

- Compatible with Airwell chilled water terminal units and heating-cooling floor.
- Electronic regulation.
- Digital display panel.
- Indoor installation (equipment rooms, etc.).
- Plate type evaporator.
- Brazed stainless steel plate type condenser.
- Environmentally sealed Scroll compressor.

ACCESSORIES		CWP 02	CWP 03	CWP 04	CWP 05	CWP 06	CWP 07	CWP 09
Isolation valve kit VI	Part number	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371
Water flow controller CD	Part number	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372
Water lack pressure switch PME	Part number	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373
HP/LP pressure gauges MHPBP	Part number	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374



CWP

			CWP 02	CWP 03	CWP 04	CWP 05	CWP 06	CWP 07	CWP 09
Cooling	Capacity[1]	kW	7.6	9.2	13.3	16.3	19.7	28	33.7
	Power input	kW	1.97	2.38	3.37	3.91	5.08	7.16	8.8
	EER		3.9	3.9	3.9	4.2	3.9	3.9	3.8
	Chilled water outlet temp. (min/max)	°C	5°/15°	5°/15°	5°/15°	5°/15°	5°/15°	5°/15°	5°/15°
	Chilled water temp. difference (min/max)	°C	4°/6°	4°/6°	4°/6°C	4°/6°	4°/6°	4°/6°	4°/6°
Evaporator	Capacity	l	0.7	1.1	1.1	1.7	1.7	2.2	2.2
	Inlet connection	inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/
	Outlet connection	inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Condenser	Condenser water outlet temperature	°C	26°/51°	26°/51°	26°/51°	26°/51°	26°/51°	26°/51°	26°/51°
	Condenser water temp. difference	°C	5°/7°	5°/7°	5°/7°	5°/7°	5°/7°	5°/7°	5°/7°
	Condenser water inlet temperature without pressostatic valve	°C	20°/45°	20°/45°	20°/45°	20°/45°	20°/45°	20°/45°	20°/45°
	Condenser water inlet temperature with pressostatic valve	°C	15°/36°	15°/36°	15°/36°	15°/36°	15°/36°	15°/36°	15°/36°
	Capacity	l	0.7	0.7	1.1	1.1	1.7	1.7	2.2
	Inlet connection	inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
	Outlet connection	inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
	Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Number of compressor		1	1	1	1	1	1	1
	Dimensions (WxDxH)	mm	800x600x1010	800x600x1010	800x600x1010	800x600x1010	900x700x1010	900x700x1010	900x700x1010
	Weight	kg	115	119	125	138	185	197	201
Power supply 1-230V-50Hz	**Part number**		**7OG091019**	-	-	-	-	-	-
Power supply 3-400V-50Hz	**Part number**		-	**7OG091020**	**7OG091021**	**7OG091022**	**7OG091023**	**7OG091024**	**7OG091015**

[1] Values based on chilled water temperatures of 12/7° C and condenser water temperatures of 29/35° C.

ACCESSORIES		CWP 02	CWP 03	CWP 04	CWP 05	CWP 06	CWP 07	CWP 09
Water filter kit FE	Part number	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375
Rubber studs PC	Part number	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186
Fault return relay RRD	Part number	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278
Pressostatic valve VP1	Part number	7ACFH0376	7ACFH0376	7ACFH0376	-	-	-	-
Pressostatic valve VP2	Part number	-	-	-	7ACFH0377	7ACFH0377	7ACFH0377	7ACFH0377
Control transformer TC	Part number	-	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277

CWP HP

WATER-TO-WATER HEAT PUMP

7 Cooling models
From 6.5 kW to 29.4 kW

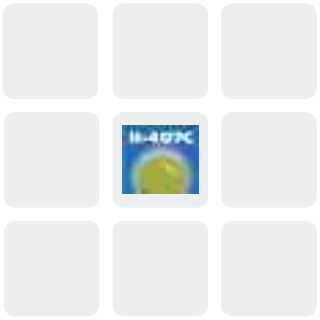
7 Heat Pump models
From 9 kW to 40.1 kW

CWP HP 02-03-04-05-06-07-09

PRODUCT ADVANTAGES

- Compatible with Airwell chilled water terminal units and heating-cooling floor.
- Electronic regulation.
- Digital display panel.
- Indoor installation (equipment rooms, etc.).
- Plate type evaporator.
- Brazed stainless steel plate type condenser.
- Environmentally sealed Scroll compressor.

ACCESSORIES		CWP HP 02	CWP HP 03	CWP HP 04	CWP HP 05	CWP HP 06	CWP HP 07	CWP HP 09
Isolation valve kit VI	Part number	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371
Water flow controller CD	Part number	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372
Water lack pressure switch PME	Part number	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373
HP/LP pressure gauges MHPBP	Part number	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374



CWP HP

			CWP HP 02	CWP HP 03	CWP HP 04	CWP HP 05	CWP HP 06	CWP HP 07	CWP HP 09
Cooling	Capacity[1]	kW	6.5	7.9	11.5	14.2	17.1	24.4	29.4
	Power input	kW	2.58	2.97	4.33	5.06	6.51	9.21	11.2
	EER		2.50	2.70	2.70	2.80	2.60	2.70	2.60
	Chilled water outlet temp. (min/max)	°C	5°/15°	5°/15°	5°/15°	5°/15°	5°/15°	5°/15°	5°/15°
	Chilled water temp. difference (min/max)	°C	4°/6°	4°/6°	4°/6°C	4°/6°	4°/6°	4°/6°	4°/6°
Heating	Capacity[1]	kW	9	10.7	15.7	19	23.3	33.2	40.1
	Power input	kW	2.58	2.97	4.33	5.06	6.51	9.21	11.2
	COP		3.50	3.60	3.60	3.80	3.60	3.60	3.60
Evaporator	Capacity	l	0.7	1.1	1.1	1.7	1.7	2.2	2.2
	Inlet connection	inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/
	Outlet connection	inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Condenser	Condenser water outlet temperature	°C	26°/51°	26°/51°	26°/51°	26°/51°	26°/51°	26°/51°	26°/51°
	Condenser water temp. difference	°C	5°/7°	5°/7°	5°/7°	5°/7°	5°/7°	5°/7°	5°/7°
	Condenser water inlet temperature without pressostatic valve	°C	20°/45°	20°/45°	20°/45°	20°/45°	20°/45°	20°/45°	20°/45°
	Condenser water inlet temperature with pressostatic valve	°C	15°/36°	15°/36°	15°/36°	15°/36°	15°/36°	15°/36°	15°/36°
	Capacity	l	0.7	1.1	1.1	1.7	1.7	2.2	2.2
	Inlet connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
	Outlet connection	inch	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
	Compressor type	inch	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Number of compressor		1	1	1	1	1	1	1
	Dimensions (WxDxH)	mm	800x600x1010	800x600x1010	800x600x1010	800x600x1010	900x700x1010	900x700x1010	900x700x1010
	Weight	kg	127	130	137	151	204	216	222
Power supply 1-230V-50Hz	**Part number**		**7OG091001**	-	-	-	-	-	-
Power supply 3-400V-50Hz	**Part number**		-	**7OG091002**	**7OG091003**	**7OG091004**	**7OG091017**	**7OG091018**	**7OG091016**

[1] Values based on chilled water temperatures of 12/7° C and condenser water temperatures of 40/46° C.

ACCESSORIES		CWP HP 02	CWP HP 03	CWP HP 04	CWP HP 05	CWP HP 06	CWP HP 07	CWP HP 09
Water filter kit FE	Part number	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375
Rubber studs PC	Part number	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186
Fault return relay RRD	Part number	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278
Pressostatic valve VP1	Part number	7ACFH0376	7ACFH0376	7ACFH0376	-	-	-	-
Pressostatic valve VP2	Part number	-	-	-	7ACFH0377	7ACFH0377	7ACFH0377	7ACFH0377
Control transformer TC	Part number	-	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277

WATER TERMINAL Range

DESIGN

INNOVATIVE

PERFORMANCE

COMFORT

XLM OG
page 110

K OG
2 PIPES
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K OG
4 PIPES
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VH
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AQU@FAN II
2 PIPES
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AQU@FAN II
2 PIPES/2 WIRES
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AQU@FAN II
4 PIPES
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AQU@FAN II
2 PIPES
FAN COIL UNITS

8 Models
From 1.9 kW to 10.7 kW
4 Versions

INDOOR UNIT **AQU@FAN II AHC**

PRODUCT ADVANTAGES

- Ease of installation.
- Streamlined design and elaborate finish enabling harmonious integration.
- Air flow rate between 100 and 1600 m^3/h.
- Series of 2 pipes, 2 pipes/2 wires and 4 pipes.
- 4 versions: vertical console with cabinet, vertical concealed without cabinet, ceiling exposed with cabinet and ceiling concealed without cabinet.
- 5-speed motor.
- Very low operating sound levels.
- Aquanet electronic regulation as an accessory. (factory fitted option - to confirm when ordered)

TRM-VP

TAE 20

INDOOR UNIT **AQU@FAN II AWC**

INDOOR UNIT **AQU@FAN II AHN**

2 Pipes AQU@FAN II

			2030	3030	4030	5030	6030	7030	8030	9030
Cooling	Capacity (HS/MS/LS)	kW	1.9/1.5/1.3	2.4/2.1/1.5	3.5/3.1/2.5	5/3.8/2.7	5.7/4.4/3.4	6.8/5.6/4	9/6.6/4.7	10.7/9/6.4
	Water flow drops (HS/MS/LS)	l/h	321/251/216	418/367/263	594/529/425	861/648/457	983/753/583	1174/965/673	1548/1142/814	1840/1548/1102
	Water pressure drops (HS/MS/LS)	kPa	8/5/4	16/12/7	33/26/18	29/17/09	42/26/16	22/16/8	39/23/12	38/28/15
Heating	Capacity (HS/MS/LS)	kW	2.5/2.0/1.6	3.4/2.6/1.7	4.6/4.2/3.2	6.1/4.8/3.5	7.4/5.2/4	8.4/6.9/5	11.3/8.4/5.9	13.9/11.5/7.5
	Water flow drops (HS/MS/LS)	l/h	321/251/215	417/367/263	594/529/425	861/648/458	983/752/583	1173/965/673	1548/1141/814	1839/1548/1101
	Water pressure drops (HS/MS/LS)	kPa	8/5/4	13/11/6	28/22/15	24/15/8	35/22/14	19/13/7	33/19/10	33/24/13
Indoor unit	Acoustic pressure (HS/MS/LS)	dB(A)	45/35/28	48/40/29	44/39/32	47/40/31	53/44/35	53/46/38	58/48/41	62/58/49
	Air flow (HS/MS/LS)	m^3/h	292/205/163	374/267/167	524/433/323	677/510/330	843/598/431	984/735/502	1266/859/612	1598/1218/719
AWC Serie	**Vertical Console Units with Cabinet**									
	Dimensions (WxDxH)	mm	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
	Weight	kg	20	23	30	35	39	42	50	56
	Part number		**Configurated products, order form to be fulfilled**							
AWN Serie	**Vertical Concealed Units without Cabinet**									
	Dimensions (WxDxH)	mm	510x220x430	695x220x430	880x220x430	1065x220x430	1250x220x430	1065x220x530	1250x220x530	1435x220x530
	Weight	kg	14	16	23	27	30	34	41	46
	Part number		**Configurated products, order form to be fulfilled**							
AHC Serie	**Ceiling Exposed Units with Cabinet**									
	Dimensions (WxDxH)	mm	768x478x321	953x478x231	1138x478x231	1323x478x231	1508x478x231	1323x578x231	1508x578x231	1693x578x231
	Weight	kg	20	23	30	35	39	42	50	56
	Part number		**Configurated products, order form to be fulfilled**							
	Ceiling Concealed Units without Cabinet									
AHN Serie	Dimensions (WxDxH)	mm	510x430x220	695x430x220	880x430x220	1065x430x220	1250x430x220	1065x530x220	1250x530x220	1435x530x220
	Weight	kg	14	16	23	27	30	34	41	46
	Part number		**Configurated products, order form to be fulfilled**							

NOTE : Sound pressure level are based on (NR) characteristics of a room having a volume of 100 m^3 with reverberation time of 0,5 second, 1 meter from unit.

ACCESSORIES		20	30	40	50	60	70	80	90
Regulation valve kit : 1 valve-4ways + auxiliary drain pan									
for AWC/AWN	Part number	7ACFH0561	7ACFH0561	7ACFH0561	7ACFH0561	7ACFH0561	7ACFH0585	7ACFH0585	7ACFH0585
for AHC/AHN	Part number	7ACFH0562	7ACFH0562	7ACFH0562	7ACFH0562	7ACFH0562	7ACFH0586	7ACFH0586	7ACFH0586
Electromechanical regulation									
TAE 20 + SEH Heating/cooling manual thermostat with on/off and 3 speeds ventilation to control valve or valve and EH 2 pipes reversible or 2 pipes reversible + EH	Part number	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452
TRM-VP : Wall mounted, on/off, winter/ summer 3 fan speed - Control on valves and fan	Part number	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443
TRM-FA Heating/cooling manual thermostat with on/off and 3 speeds ventilation, control on fan	Part number	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440
MPG : Support feet for AWC	Part number	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391
MPG : Support feet for AWN	Part number	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415
MPG : Grill between feet for AWC models	Part number	7ACVF0330	7ACVF0331	7ACVF0332	7ACVF0333	7ACVF0334	7ACVF0335	7ACVF0336	7ACVF0337
BAC : Auxiliary drain pan AWC/AWN	Part number	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394
BAC : Auxiliary drain pan AHC/AHN (right side)	Part number	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0447	7ACTL0447	7ACTL0447
BAC : Auxiliary drain pan AHC/AHN (left side)	Part number	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0448	7ACTL0448	7ACTL0448
PRC : Condensate pump (Except for AHC 4 Pipes)	Part number	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603

AQU@FAN II
2 PIPES/2 WIRES
FAN COIL UNITS

8 Models
From 1.9 kW to 10.7 kW
4 Versions

INDOOR UNIT **AQU@FAN II AHC**

TRM-VP

TAE 20

PRODUCT ADVANTAGES

- Ease of installation.
- Streamlined design and elaborate finish enabling harmonious integration.
- Air flow rate between 100 and 1600 m^3/h.
- Series of 2 pipes, 2 pipes/2 wires and 4 pipes.
- 4 versions: vertical console with cabinet, vertical concealed without cabinet, ceiling exposed with cabinet and ceiling concealed without cabinet.
- 5-speed motor.
- Very low operating sound levels.
- Aquanet electronic regulation as an accessory. (factory fitted option - to confirm when ordered)

INDOOR UNIT **AQU@FAN II AWC**

INDOOR UNIT **AQU@FAN II AHN**

ACCESSORIES		20	30	40	50	60	70	80	90
Regulation valve kit : 1 valve-4ways + auxiliary drain pan									
for AWC/AWN	Part number	7ACFH0561	7ACFH0561	7ACFH0561	7ACFH0561	7ACFH0561	7ACFH0585	7ACFH0585	7ACFH0585
for AHC/AHN	Part number	7ACFH0562	7ACFH0562	7ACFH0562	7ACFH0562	7ACFH0562	7ACFH0586	7ACFH0586	7ACFH0586
TAE 20 + SEH Heating/cooling manual thermostat with on/off and 3 speeds ventilation to control value is valve and EH 2 pipes reversible is 2 pipes reversible + EH	Part number	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452
TRM-VP : Wall mounted, on/off, winter/ summer 3 fan speed - Control on valves and fan	Part number	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443

2 Pipes/2 Wires AQU@FAN II

			2030 E	3030 E	4030 E	5030 E	6030 E	7030 E	8030 E	9030 E
Cooling	Capacity (HS/MS/LS)	kW	1.9/1.5/1.3	2.4/2.1/1.5	3.5/3.1/2.5	5/3.8/2.7	5.7/4.4/3.4	6.8/5.6/4	9/6.6/4.7	10.7/9/6.4
	Water flow drops (HS/MS/LS)	l/h	321/251/216	418/367/263	594/529/425	861/648/457	983/753/583	1174/965/673	1548/1142/814	1840/1548/1102
	Water pressure drops (HS/MS/LS)	kPa	8/5/4	16/12/7	33/26/18	29/17/09	42/26/16	22/16/8	39/23/12	38/28/15
Heating	Capacity (HS/MS/LS)	kW	2.5/2.0/1.6	3.4/2.6/1.7	4.6/4.2/3.2	6.1/4.8/3.5	7.4/5.2/4	8.4/6.9/5	11.3/8.4/5.9	13.9/11.5/7.5
	Water flow drops (HS/MS/LS)	l/h	321/251/215	417/367/263	594/529/425	861/648/458	983/752/583	1173/965/673	1548/1141/814	1839/1548/110
	Water pressure drops (HS/MS/LS)	kPa	8/5/4	13/11/6	28/22/15	24/15/8	35/22/14	19/13/7	33/19/10	33/24/13
Indoor unit	Acoustic pressure (HS/MS/LS)	dB(A)	45/35/28	48/40/29	44/39/32	47/40/31	53/44/35	53/46/38	58/48/41	62/58/49
	Air flow (HS/MS/LS)	m^3/h	292/205/163	374/267/167	524/433/323	677/510/330	843/598/431	984/735/502	1266/859/612	1598/1218/719
	Electrical heating	W	600	600	1000	1200	1500	1500	1800	2000
AWC Serie	**Vertical Console Units with Cabinet**									
	Dimensions (WxDxH)	mm	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
	Weight	kg	20	23	30	35	39	42	50	56
	Part number		**Configurated products, order form to be fulfilled**							
AWN Serie	**Vertical Concealed Units without Cabinet**									
	Dimensions (WxDxH)	mm	510x220x430	695x220x430	880x220x430	1065x220x430	1250220x430	1065x220x530	1250x220x530	1435>x220x530
	Weight	kg	14	16	23	27	30	34	41	46
	Part number		**Configurated products, order form to be fulfilled**							
AHC Serie	**Ceiling Exposed Units with Cabinet**									
	Dimensions (WxDxH)	mm	768x478x321	953x478x231	1138x478x231	1323x478x231	1508x478x231	1323x578x231	1508x578x231	1693x578x231
	Weight	kg	20	23	30	35	39	42	50	56
	Part number		**Configurated products, order form to be fulfilled**							
AHN Serie	**Ceiling Concealed Units without Cabinet**									
	Dimensions (WxDxH)	mm	510x430x220	695x430x220	880x430x220	1065x430x220	1250x430x220	1065x530x220	1250x530x220	1435x530x220
	Weight	kg	14	16	23	27	30	34	41	46
	Part number		**Configurated products, order form to be fulfilled**							

NOTE : Sound pressure level are based on (NR) characteristics of a room having a volume of 100 m^3 with reverberation time of 0,5 second.

ACCESSORIES		**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
MPG : Support feet for AWC	Part number	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391
MPG : Support feet for AWN	Part number	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415
MPG : Grill between feet for AWC models	Part number	7ACVF0330	7ACVF0331	7ACVF0332	7ACVF0333	7ACVF0334	7ACVF0335	7ACVF0336	7ACVF0337
BAC : Auxiliary drain pan AWC/AWN	Part number	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394
BAC : Auxiliary drain pan AHC/AHN (right side)	Part number	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0447	7ACTL0447	7ACTL0447
BAC : Auxiliary drain pan AHC/AHN (left side)	Part number	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0448	7ACTL0448	7ACTL0448
PRC : Condensate pump (Except for AHC 4 Pipes)	Part number	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603

AQU@FAN II
4 PIPES
FAN COIL UNITS

8 Models
From 1.97 kW to 10.5 kW
4 Versions

INDOOR UNIT **AQU@FAN II AHN**

TRM-VP

TAE 20

PRODUCT ADVANTAGES

- Ease of installation.
- Streamlined design and elaborate finish enabling harmonious integration.
- Air flow rate between 100 and 1600 m^3/h.
- Series of 2 pipes, 2 pipes/2 wires and 4 pipes.
- 4 versions: vertical console with cabinet, vertical concealed without cabinet, ceiling exposed with cabinet and ceiling concealed without cabinet.
- 5-speed motor.
- Very low operating sound levels.
- Aquanet electronic regulation as an accessory. (factory fitted option - to confirm when ordered)

INDOOR UNIT **AQU@FAN II AWN**

INDOOR UNIT **AQU@FAN II AHC**

ACCESSORIES		20	30	40	50	60	70	80	90
Regulation valve kit : 2 valves-4ways + auxiliary drain pan									
for AWC/AWN	Part number	7ACFH0564	7ACFH0564	7ACFH0564	7ACFH0564	7ACFH0564	7ACFH0588	7ACFH0588	7ACFH0588
for AHC/AHN	Part number	7ACFH0565	7ACFH0565	7ACFH0565	7ACFH0565	7ACFH0565	7ACFH0589	7ACFH0589	7ACFH0589
TRM-VP : Wall mounted, on/off, winter/ summer 3 fan speed - Control on valves and fan	Part number	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443
PRC : Condensate pump (Except for AHC 4 Pipes)	Part number	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603	7ACFH0603

4 Pipes AQU@FAN II

			2031	3031	4031	5031	6031	7031	8031	9031
Cooling	Capacity (HS/MS/LS)	kW	**1.97/1.5/1.3**	2.4/2.1/1.5	3.4/3.0/2.4	4.9/3.7/2.6	5.6/4.3/3.3	6.7/5.5/3.8	8.8/6.5/4.6	10.5/8.8/6.2
	Water flow drops (HS/MS/LS)	l/h	338/266/227	411/356/256	583/515/414	839/630/447	961/735/569	1145/940/655	1516/1113/792	1804/1512/1069
	Water pressure drops (HS/MS/LS)	kPa	42/27/20	15/12/7	31/25/17	27/16/9	40/25/16	21/15/8	38/22/12	37/27/14
Heating	Capacity (HS/MS/LS)	kW	2.5/2.1/1.8	3.3/2.8/2.2	4.5/4.2/3.5	6.3/5.4/4.1	6.6/5.6/4.6	7/6.2/4.7	11.5/9.4/6.7	14/12.3/8.9
	Water flow drops (HS/MS/LS)	l/h	216/184/159	292/246/189	398/371/309	550/474/359	583/493/403	620/541/414	1014/828/592	1229/1079/783
	Water pressure drops (HS/MS/LS)	kPa	6/4/3	13/9/6	25/22/16	50/38/23	15/11/8	19/15/09	48/33/18	73/57/32
Indoor unit	Acoustic pressure (HS/MS/LS)	dB(A)	45/36/29	48/41/31	44/39/32	47/40/31	54/47/39	53/48/39	58/49/41	62/58/49
	Air flow (HS/MS/LS)	m^3/h	283/224/199	362/258/162	508/419/313	656/493/320	817/579/417	953/712/486	1226/832/592	1547/1180/696
AWC Serie	**Vertical Console Units with Cabinet**									
	Dimensions (WxDxH)	mm	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
	Weight	kg	20	23	30	35	39	42	50	56
	Part number		**Configurated products, order form to be fulfilled**							
AWN Serie	**Vertical Concealed Units without Cabinet**									
	Dimensions (WxDxH)	mm	510x220x430	695x220x430	880x220x430	1065x220x430	1250x220x430	1065x220x530	1250x220x530	1435x220x530
	Weight	kg	14	16	23	27	30	34	41	46
	Part number		**Configurated products, order form to be fulfilled**							
AHC Serie	**Ceiling Exposed Units with Cabinet**									
	Dimensions (WxDxH)	mm	768x478x231	953x478x231	1138x478x231	1323x478x231	1508x478x231	1323x578x231	1508x578x231	1693x578x231
	Weight	kg	20	23	30	35	39	42	50	56
	Part number		**Configurated products, order form to be fulfilled**							
	Ceiling Concealed Units without Cabinet									
AHN Serie	Dimensions (WxDxH)	mm	510xx430x220	695x430x220	880xx430x220	1065x430x220	1250x430x220	1065xx530x220	1250x530x220	1435x530x220
	Weight	kg	14	16	23	27	30	34	41	46
	Part number		**Configurated products, order form to be fulfilled**							

NOTE : Sound pressure level are based on (NR) characteristics of a room having a volume of 100 m^3 with reverberation time of 0,5 second.

ACCESSORIES		**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
MPG : Support feet for AWC	Part number	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391	7ACTL0391
MPG : Support feet for AWN	Part number	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415	7ACTL0415
MPG : Grill between feet for AWC models	Part number	7ACVF0330	7ACVF0331	7ACVF0332	7ACVF0333	7ACVF0334	7ACVF0335	7ACVF0336	7ACVF0337
BAC : Auxiliary drain pan AWC/AWN	Part number	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394	7ACTL0394
BAC : Auxiliary drain pan AHC/AHN (right side)	Part number	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0445	7ACTL0447	7ACTL0447	7ACTL0447
BAC : Auxiliary drain pan AHC/AHN (left side)	Part number	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0446	7ACTL0448	7ACTL0448	7ACTL0448

XLM OG
2 PIPES

CHILLED WATER
WALL MOUNTED UNITS

3 Models - 2 Pipes
From 1.8 kW to 3.7 kW

INDOOR UNIT **XLM 7-9 OG**

TRM-FA

TAE 20

PRODUCT ADVANTAGES

- Indoor units compatible with AIRWELL chilled water production units.
- Compact and lightweight design for easy installation and maintenance.
- Available with or without flow regulation valve.
- Hard-wired controls (with or without regulation valve).
- Aquanet compatible (Factory fitted option - To confirm when ordered).
- Esthetic that blends in with the decor.
- Low noise level.
- Infrared remote control with liquid crystal display (for 2-pipe version without control valve).
- Front grille easily removable for cleaning.
- Discharge diffuser manually adjustable.

These units are available in 3 versions:

- 2-pipe version with infrared remote control but without control valve.
- 2-pipe version with thermostat and with or without control valve.
- 2-pipe/2-wire version with thermostat and control valve.

INDOOR UNIT **XLM 18 OG**

IR Remote control

2 Pipes XLM OG

			XLM 7 OG	XLM 9 OG	XLM 18 OG
Cooling	Capacity	kW	1.8	2.1	3.66
Heating	Capacity	kW	2.52	3.07	4.43
	Power input (fan)	kW	0.017	0.038	0.045
	Electrical heating	kW	1.05	-	1.6
Indoor unit	Sound pressure level to 1 m [1]	dB(A)	33/35/38	37/40/42	43/45/50
	Air flow	m^3/h	255/292/345	333/400/435	603/753/873
	Water flow	m^3/h	0.31	0.36	0.63
	Water pressure drop	kPa	13.5	16.2	21.5
	Dimensions (WxDxH)	mm	815x160x270	815x160x270	1115x195x330
	Weight	kg	8	9.5	14
Power supply 1-230V-50Hz	**Models**		**XLM 7 OGSV**	**XLM 9 OGSV**	**XLM 18 OGSV**
	Part number - Thermostat version TRM-FA, without valve		**Configurated products, order form to be fulfilled**		
	Models		**XLM 7 OGAV**	**XLM 9 OGAV**	**XLM 18 OGAV**
	Part number - Thermostat version TRM-VP, without valve		**Configurated products, order form to be fulfilled**		
	Models		**XLM 7 OGAVCH**	-	**XLM 18 OGAVCH**
	Part number - Thermostat version TAE20, electric heating with valve		**Configurated products, order form to be fulfilled**		
Power supply 1~230V-50Hz	Power supply side		Indoor	Indoor	Indoor
	Power cable section	mm^2	3x1.5	3x1.5	3x1.5
	Fuse rating am (without electric heating)	A	1	1	2
	Fuse rating am (with electric heating)	A	6	-	10

[1] Data are relative to Low speed, Medium speed and High speed and based on (NR) characteristics of a room having a volume of 100 m^3 with reverberation time of 0,5 second, one meter from unit.

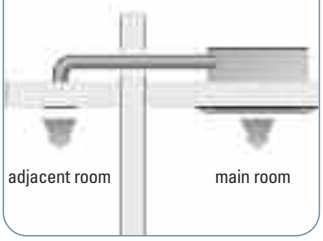
K OG
2 PIPES

CHILLED WATER CASSETTES

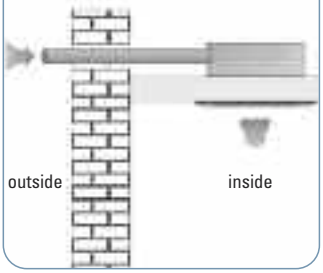
5 Models - 2 Pipes
From 2.2 kW to 10.2 kW

INDOOR UNIT **K 9-12-18 OG**

AIR CONDITIONING OF AN ADJACENT ROOM



AIR RENEWAL



TRM-VP

PRODUCT ADVANTAGES

- Designed for suspended ceiling integration.
- 600 x 600 and 600 x 1200 formats (30 and 45 models).
- Low built-in height: 287 mm.
- Direct access to electrical connections on sliding chassis.
- Integrated valves and electrical connections.
- New air intake.
- Air distribution to a separate room.
- Integrated condensate drainage lift pump up to 600 mm.
- Infrared remote control version with Aquanet.
- Solid ceiling frame (accessory).
- Aquanet compatible (Factory fitted option - To confirm when ordered).
- Galvanized steel sheet with thermal and acoustical insulation, eliminating condensations on the casing and providing low sound levels.
- Possibility of closing one or two discharge flaps.
- Cleanable synthetic type air filter (55% arrestance, G1 class).

INDOOR UNIT **K 30-45 OG**

TRM-FA

TAE 20

2 Pipes K OG

			K 9 OG	K 12 OG	K 18 OG	K 30 OG	K 45 OG
Cooling	Capacity	kW	2.2	3.5	5	6.44	10.2
Heating	Capacity	kW	3.3	4.6	5.9	8.05	11.6
	Power input (fan)	kW	0.049	0.056	0.074	0.20	0.18
	Electrical heating (factory option)	kW	1.5	2.25	2.7	4.2	5.4
Indoor unit	Sound pressure level to 1 m (LS/MS/HS)	dB(A)	30/32/42	32/35/44	34/40/49	39/42/49	39/45/51
	Airflow (LS/MS/HS)	m^3/h	420/460/70	420/460/700	460/515/760	1100/1350/1550	1000/1250/1630
	Water flow	m^3/h	0.378	0.602	0.86	1.208	1.753
	Water pressure drop	kPa	12	17.5	15	17	23.5
	Built in casing	mm	571x571x287	571x571x287	571x571x287	1171x571x287	1171x571x287
	Frame	mm	625x625x40	625x625x40	625x625x40	1225x625x40	1225x625x40
	Weight	kg	26	28	29	49	55
Power supply 1-230V-50Hz	**Version without valve**		**K 9 OG 2T SV**	**K 12 OG 2T SV**	**K 18 OG 2T SV**	**K 30 OG 2T SV**	**K 45 OG 2T SV**
	Part number		**Configurated products, order form to be fulfilled**				
	Version with valve		**K 9 OG 2T AV**	**K 12 OG 2T AV**	**K 18 OG 2T AV**	-	-
	Part number		**Configurated products, order form to be fulfilled**				
	Electrical Heating version with valve		**K 9 OG 2T CH AV**	**K 12 OG 2T CH AV**	**K 18 OG 2T CH AV**	-	-
	Part number		**Configurated products, order form to be fulfilled**				
	Infrared version with valve and change over		**K 9 OG 2T IR AV**	**K 12 OG 2T IR AV**	**K 18 OG 2T IR AV**	**K 30 OG 2T IR AV**(1)	**K 45 OG 2T IR AV**(1)
	Part number		**Configurated products, order form to be fulfilled**				
Power supply 3~400V-50Hz	Power cable section (without electric heating)	mm^2	3x1	3x1	3x1	3x1.5	3x1.5
	Fuse rating am (without electric heating)	A	1	1	1	2	2
	Power cable section (with electric heating)	mm^2	3x1	3x1.5	3x1.5	3x4	5x1.5 (3N~400V)
	Fuse rating am (with electric heating)	A	10	16	16	25	16

(1) Valve in accessory

NOTE : Sound pressure level based on (NR) characteristics of a room having a volume of 100 m^3 with reverberation time of 0,5 second 1 meter from unit.

2 Pipes ACCESSORIES		K 9 OG	K 12 OG	K 18 OG	K 30 OG	K 45 OG
TRM-VP Heating/cooling manual thermostat with on/off and 3 speeds ventilation (KOG 2T AV with or without electric heater) 2 pipes reversible is 2 pipes Cooling only + Electrical heater	Part number	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443
TRM-FA Heating/cooling manual thermostat with on/off and 3 speeds ventilation - To control valve and fan (KOG 2T AV/SV without electric heater)	Part number	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440
TAE20+SEH Heating/cooling manual thermostat with on/off and 3 speeds ventilation To control valve or valve and EH 2 pipes reversible or 2 pipes reversible + EH	Part number	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452	7ACEL1452
Special Frame for solid ceilings	Part number	7ACVF0091	7ACVF0091	7ACVF0091	-	-
Relay kit for chilled water cassettes (4 units)	Part number	7ACEL1207	7ACEL1207	7ACEL1207	7ACEL1207	7ACEL1207
3 way heating valve/2 pipes + condensate tray	Part number	-	-	-	7ACFH0051	7ACFH0052
Auxiliary condensate tray	Part number	-	-	-	7ACTL0005	7ACTL0005

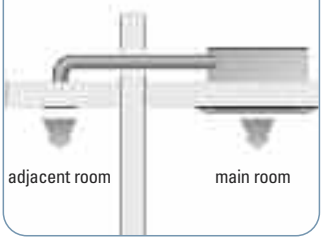
K OG
4 PIPES

CHILLED WATER CASSETTES

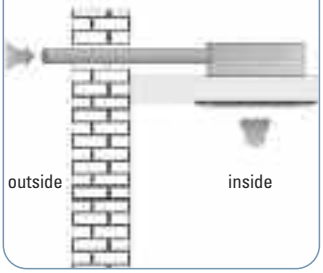
4 Models - 4 Pipes
From 2.2 kW to 10.1 kW

INDOOR UNIT **K 9-12-18 OG**

AIR CONDITIONING OF AN ADJACENT ROOM



AIR RENEWAL



PRODUCT ADVANTAGES

- Designed for suspended ceiling integration.
- 600 x 600 and 600 x 1200 formats (30 and 45 models).
- Low built-in height: 287 mm.
- Direct access to electrical connections on sliding chassis.
- Integrated valves and electrical connections.
- New air intake.
- Air distribution to a separate room.
- Integrated condensate drainage lift pump up to 600 mm.
- Infrared remote control version with valve and changeover.
- Solid ceiling frame (accessory).
- Aquanet compatible (Factory fitted option - To confirm when ordered).
- Galvanized steel sheet with thermal and acoustical insulation, eliminating condensations on the casing and providing low sound levels.
- Possibility of closing one or two discharge flaps.
- Cleanable synthetic type air filter (55% arrestance, G1 class).

INDOOR UNIT **K 45 OG**

TRM-FA

4 Pipes K OG

			K 9 OG	K 12 OG	K 18 OG	K 45 OG
Cooling	Capacity	kW	2.2	3.43	4.9	10.1
Heating	Capacity	kW	2.2	3.2	4.9	8.81
	Power input (fan)	kW	0.049	0.056	0.074	0.22
Indoor unit	Sound pressure level (LS/MS/HS)	dB(A)	30/32/42	32/35/44	34/40/49	48/54/60
	Airflow (LS/MS/HS)	m^3/h	420/460/700	420/460/700	320/460/515/760	1075/1360/1725
	Chilled Water flow	m^3/h	0.378	0.59	0.843	1.737
	Hot Water flow	m^3/h	0.19	0.275	0.421	0.758
	Water pressure drop	kPa	12	17	17.5	27
	Built in casing	mm	571x571x287	571x571x287	571x571x287	1171x571x287
	Frame	mm	625x625x40	625x625x40	625x625x40	1225x625x40
	Weight	kg	27	28	29	55
Power supply 1-230V-50Hz	**Version without valve**		**K 9 OG 4T SV**	**K 12 OG 4T SV**	**K 18 OG 4T SV**	**K 45 OG 4T SV**
	Part number		**Configurated products, order form to be fulfilled**			
	Version with valve		**K 9 OG 4T AV**	**K 12 OG 4T AV**	**K 18 OG 4T AV**	**K 45 OG 4T AV**
	Part number		**Configurated products, order form to be fulfilled**			
Power supply 1~230V-50Hz	Power cable section (without electric heating)	mm^2	3x1	3x1	3x1	3x1.5
	Fuse rating am	A	1	1	1	2
Pipe Line	4 pipes connecting diameter	inches	1/2'' heating and cooling	1/2'' heating and cooling	1/2'' heating/3/4'' cooling	1/2'' heating/1'' cooling

NOTE : Sound pressure level based on (NR) characteristics of a room having a volume of 100 m^2 with reverberation time of 0,5 second, 1 meter from unit.

4 Pipes ACCESSORIES		K 9 OG	K 12 OG	K 18 OG	K 45 OG
TRM-FA Heating/cooling manual thermostat with on/off and 3 speeds ventilation - To control valve and fan (KOG 4T AV)	Part number	7ACEL1373	7ACEL1373	7ACEL1373	7ACEL1373
Special Frame for solid ceilings	Part number	7ACVF0091	7ACVF0091	7ACVF0091	-
Relaty kit for chilled water cassettes (4 units)	Part number	7ACEL1207	7ACEL1207	7ACEL1207	7ACEL1207
3 way heating valve/4 pipes + condensate tray	Part number	-	-	-	7ACFH0122
Auxiliary condensate tray (4 pipes)	Part number	-	-	-	7ACTL0040

VH
2 PIPES
DUCTED UNITS

9 Models - 2 Pipes
From 1,9 kW to 28,4 kW

INDOOR UNIT **VH**

PRODUCT ADVANTAGES

- Indoor units compatible with AIRWELL chilled water production units.
- Compact dimensions and low built-in height (200 mmfor the VH 01A model).
- High Static Pressure available
- Designed for suspended ceiling integration with a ducted Network
- Standard 3 speed Motor pre-wired
- EC Motor available from 03 to 10 size
- Low Noise levels
- Air filter, G2 or G3 cleanable reusable synthetic material
- Easy access to electrical and hydraulic connections on the right side or on the left side of the unit.
- Easy air filter access via the underside of the unit.
- Casing Coonection Circular or Rectangular Drawing-in and blowing
- Fresh air intake, 100/125 mm diameter.
- Compatibility with 50Hz or 60Hz electrical Network
- Aquanet compatible (Factory fitted option - To confirm when ordered)
- IR Remote (Optional)

2 Pipes VH

			VH03	VH05	VH07	VH10	VH15	VH18	VH21	VH24	VH27
Cooling	**Capacity**	kW	1,9	2,5	5,9	7,6	13,4	16,7	19,0	23,9	28,4
Heating	**Capacity**	kW	2,7	3,4	7,1	8,4	14,9	17,1	18,1	26,8	27,9
	Power input (fan)	kW	104	69	182	195	421	421	421	673	673
	Electric heater (option)	W	1600	2000	2000	2000	3000	3000	3000	3000	3000
Indoor unit	Sound power level (return/discharge/radiated)	dB(A)	56,2/54,9/48,0	53,2/52,0/45,6	60,3/58,6/49,9	59,5/57,8/50,3	65,5/64,4/53,4	65,5/64,4/53,4	65,5/64,4/53,4	69,1/66,9/55,4	69,1/66,9/55,4
	Water flow	m^3/h	0,31	0,49	1,06	1,23	2,18	2,68	3,02	3,79	4,45
	Water pressure drop	kPa	7,8	9,7	48,7	27,1	22,1	22,5	33,9	25,8	29,2
	Dimensions (WxDxH)	mm	695x600x200	918x1062x231	918x1202x253	918x1202x301	740x1380x376	740x1380x376	740x1380x376	740x1500x451	740x1500x451
	Weight	kg	21	46	55	59	59	61	63	69	73
	Part number		**Configurated products, order form to be fulfilled**								
Power supply		Ph/V/Hz	1/230/50-60								

ACCESSORIES		VH03	VH05	VH07	VH10	VH15	VH18	VH21	VH24	VH27
TRM-VP Heating/cooling manual thermostat with on/off and 3 speeds ventilation (VH 2T AV)	Part number	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443	7ACEL1443
TRM-FA Heating/cooling manual thermostat with on/off and 3 speeds ventilation - To control valve and fan	Part number	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440	7ACEL1440

www.airwell.com
export@airwell-group.com

Airwell France
1, Bis Avenue du 8 mai 45
Saint Quentin en Yvelines
78284 GUYANCOURT
France
Tel. +33 (0)139 44 65 00
Fax +33 (0)139 44 00 13

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